

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

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North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-36937-1

Client Project/Site: EMD Millipore

For:

TRC Environmental Corp-Payne Firm

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5/19/2014 10:43:51 AM

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

%	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Case Narrative

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Job ID: 240-36937-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corp-Payne Firm

Project: EMD Millipore

Report Number: 240-36937-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 5/7/2014 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples MW015BR/050614 (240-36937-1), MW015R/050614 (240-36937-2), MW044/050614 (240-36937-3), MW031A/050614 (240-36937-4), MW031D/050614 (240-36937-5), MW041/050614 (240-36937-6), MW001R/050614 (240-36937-7), MW001AR/050614 (240-36937-8), MW021A/050614 (240-36937-9), MW030/050614 (240-36937-10), MW025/050614 (240-36937-11) and TB01/050614 (240-36937-12) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/13/2014, 05/14/2014 and 05/15/2014.

Methylene Chloride was detected in method blank MB 240-130687/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone and Methylene Chloride were detected in method blank MB 240-130826/6 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 130826 recovered outside control limits for the following analyte: Vinyl acetate. Vinyl acetate has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Samples MW015BR/050614 (240-36937-1)[5X], MW015R/050614 (240-36937-2)[25X], MW031A/050614 (240-36937-4)[16.67X] and

Case Narrative

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Job ID: 240-36937-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

MW031D/050614 (240-36937-5)[6.67X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was submitted for volatile analysis with insufficient preservation (pH>2): MW001AR/050614 (240-36937-8).

No other difficulties were encountered during the VOCs analysis. All other quality control parameters were within the acceptance limits.

Method Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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Sample Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-36937-1	MW015BR/050614	Water	05/06/14 10:25	05/07/14 09:20
240-36937-2	MW015R/050614	Water	05/06/14 11:15	05/07/14 09:20
240-36937-3	MW044/050614	Water	05/06/14 12:35	05/07/14 09:20
240-36937-4	MW031A/050614	Water	05/06/14 13:55	05/07/14 09:20
240-36937-5	MW031D/050614	Water	05/06/14 13:50	05/07/14 09:20
240-36937-6	MW041/050614	Water	05/06/14 00:00	05/07/14 09:20
240-36937-7	MW001R/050614	Water	05/06/14 13:40	05/07/14 09:20
240-36937-8	MW001AR/050614	Water	05/06/14 14:50	05/07/14 09:20
240-36937-9	MW021A/050614	Water	05/06/14 10:15	05/07/14 09:20
240-36937-10	MW030/050614	Water	05/06/14 12:25	05/07/14 09:20
240-36937-11	MW025/050614	Water	05/06/14 11:00	05/07/14 09:20
240-36937-12	TB01/050614	Water	05/06/14 00:00	05/07/14 09:20

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Detection Summary

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW015BR/050614

Lab Sample ID: 240-36937-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	39	J B	50	5.5	ug/L	5		8260B	Total/NA
2-Butanone	3.4	J	50	2.9	ug/L	5		8260B	Total/NA
1,2-Dichloroethane	110		5.0	1.1	ug/L	5		8260B	Total/NA
1,4-Dioxane	630		250	95	ug/L	5		8260B	Total/NA
Methylene Chloride	5.7	B	5.0	1.7	ug/L	5		8260B	Total/NA
Trichloroethene	4.2	J	5.0	0.85	ug/L	5		8260B	Total/NA
Vinyl chloride	2.1	J	5.0	1.1	ug/L	5		8260B	Total/NA

Client Sample ID: MW015R/050614

Lab Sample ID: 240-36937-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	12	J	25	3.3	ug/L	25		8260B	Total/NA
Carbon tetrachloride	8.8	J	25	3.3	ug/L	25		8260B	Total/NA
Chloroform	120		25	4.0	ug/L	25		8260B	Total/NA
cis-1,2-Dichloroethene	120		25	4.3	ug/L	25		8260B	Total/NA
1,1-Dichloroethane	22	J	25	3.8	ug/L	25		8260B	Total/NA
1,2-Dichloroethane	610		25	5.5	ug/L	25		8260B	Total/NA
1,2-Dichloroethene, Total	130		50	4.3	ug/L	25		8260B	Total/NA
1,4-Dioxane	1100	J	1300	480	ug/L	25		8260B	Total/NA
Methylene Chloride	8.4	J B	25	8.3	ug/L	25		8260B	Total/NA
1,1,2,2-Tetrachloroethane	23	J	25	4.5	ug/L	25		8260B	Total/NA
Tetrachloroethene	64		25	7.3	ug/L	25		8260B	Total/NA
trans-1,2-Dichloroethene	9.9	J	25	4.8	ug/L	25		8260B	Total/NA
1,1,1-Trichloroethane	9.9	J	25	5.5	ug/L	25		8260B	Total/NA
Trichloroethene	650		25	4.3	ug/L	25		8260B	Total/NA
Vinyl chloride	8.3	J	25	5.5	ug/L	25		8260B	Total/NA

Client Sample ID: MW044/050614

Lab Sample ID: 240-36937-3

No Detections.

Client Sample ID: MW031A/050614

Lab Sample ID: 240-36937-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	7.5	J	17	2.2	ug/L	16.67		8260B	Total/NA
cis-1,2-Dichloroethene	390		17	2.8	ug/L	16.67		8260B	Total/NA
1,2-Dichloroethane	39		17	3.7	ug/L	16.67		8260B	Total/NA
1,2-Dichloroethene, Total	390		33	2.8	ug/L	16.67		8260B	Total/NA
1,4-Dioxane	8700		830	320	ug/L	16.67		8260B	Total/NA
Methylene Chloride	7.2	J B	17	5.5	ug/L	16.67		8260B	Total/NA
Tetrachloroethene	140		17	4.8	ug/L	16.67		8260B	Total/NA
Trichloroethene	500		17	2.8	ug/L	16.67		8260B	Total/NA
Vinyl chloride	110		17	3.7	ug/L	16.67		8260B	Total/NA

Client Sample ID: MW031D/050614

Lab Sample ID: 240-36937-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	80		6.7	1.1	ug/L	6.67		8260B	Total/NA
1,2-Dichloroethane	95		6.7	1.5	ug/L	6.67		8260B	Total/NA
1,2-Dichloroethene, Total	80		13	1.1	ug/L	6.67		8260B	Total/NA
1,4-Dioxane	1700		330	130	ug/L	6.67		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Detection Summary

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW031D/050614 (Continued)

Lab Sample ID: 240-36937-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.5	J B	6.7	2.2	ug/L	6.67		8260B	Total/NA
Tetrachloroethene	2.3	J	6.7	1.9	ug/L	6.67		8260B	Total/NA
Trichloroethene	31		6.7	1.1	ug/L	6.67		8260B	Total/NA
Vinyl chloride	14		6.7	1.5	ug/L	6.67		8260B	Total/NA

Client Sample ID: MW041/050614

Lab Sample ID: 240-36937-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	0.80	J	10	0.57	ug/L	1		8260B	Total/NA
Toluene	0.16	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: MW001R/050614

Lab Sample ID: 240-36937-7

No Detections.

Client Sample ID: MW001AR/050614

Lab Sample ID: 240-36937-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	0.78	J	10	0.57	ug/L	1		8260B	Total/NA
Carbon disulfide	0.14	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: MW021A/050614

Lab Sample ID: 240-36937-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	1.1	J	10	0.57	ug/L	1		8260B	Total/NA
Carbon disulfide	0.43	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: MW030/050614

Lab Sample ID: 240-36937-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	33	J	50	19	ug/L	1		8260B	Total/NA
Trichloroethene	0.44	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: MW025/050614

Lab Sample ID: 240-36937-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	61		50	19	ug/L	1		8260B	Total/NA
Trichloroethene	0.18	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: TB01/050614

Lab Sample ID: 240-36937-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	21	J	50	19	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW015BR/050614

Lab Sample ID: 240-36937-1

Matrix: Water

Date Collected: 05/06/14 10:25

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	39	J B	50	5.5	ug/L			05/15/14 18:59	5
Acetonitrile	ND		100	18	ug/L			05/15/14 18:59	5
Acrolein	ND		100	11	ug/L			05/15/14 18:59	5
Acrylonitrile	ND		100	10	ug/L			05/15/14 18:59	5
Benzene	ND		5.0	0.65	ug/L			05/15/14 18:59	5
Bromodichloromethane	ND		5.0	0.75	ug/L			05/15/14 18:59	5
Bromoform	ND		5.0	3.2	ug/L			05/15/14 18:59	5
Bromomethane	ND		5.0	2.1	ug/L			05/15/14 18:59	5
2-Butanone	3.4	J	50	2.9	ug/L			05/15/14 18:59	5
Carbon disulfide	ND		5.0	0.65	ug/L			05/15/14 18:59	5
Carbon tetrachloride	ND		5.0	0.65	ug/L			05/15/14 18:59	5
Chlorobenzene	ND		5.0	0.75	ug/L			05/15/14 18:59	5
Chloroethane	ND		5.0	1.5	ug/L			05/15/14 18:59	5
Chloroform	ND		5.0	0.80	ug/L			05/15/14 18:59	5
Chloromethane	ND		5.0	1.5	ug/L			05/15/14 18:59	5
Chloroprene	ND		10	1.5	ug/L			05/15/14 18:59	5
3-Chloro-1-propene	ND		10	1.8	ug/L			05/15/14 18:59	5
cis-1,2-Dichloroethene	ND		5.0	0.85	ug/L			05/15/14 18:59	5
cis-1,3-Dichloropropene	ND		5.0	0.70	ug/L			05/15/14 18:59	5
Dibromochloromethane	ND		5.0	0.90	ug/L			05/15/14 18:59	5
1,2-Dibromo-3-Chloropropane	ND		10	3.4	ug/L			05/15/14 18:59	5
Dibromomethane	ND		5.0	1.4	ug/L			05/15/14 18:59	5
Dichlorodifluoromethane	ND		5.0	1.6	ug/L			05/15/14 18:59	5
1,1-Dichloroethane	ND		5.0	0.75	ug/L			05/15/14 18:59	5
1,2-Dichloroethane	110		5.0	1.1	ug/L			05/15/14 18:59	5
1,1-Dichloroethene	ND		5.0	0.95	ug/L			05/15/14 18:59	5
1,2-Dichloroethene, Total	ND		10	0.85	ug/L			05/15/14 18:59	5
1,2-Dichloropropane	ND		5.0	0.90	ug/L			05/15/14 18:59	5
1,4-Dioxane	630		250	95	ug/L			05/15/14 18:59	5
Ethylbenzene	ND		5.0	0.85	ug/L			05/15/14 18:59	5
Ethylene Dibromide	ND		5.0	1.2	ug/L			05/15/14 18:59	5
Ethyl methacrylate	ND		5.0	0.70	ug/L			05/15/14 18:59	5
2-Hexanone	ND		50	2.1	ug/L			05/15/14 18:59	5
Iodomethane	ND		5.0	0.90	ug/L			05/15/14 18:59	5
Isobutanol	ND		250	41	ug/L			05/15/14 18:59	5
Methacrylonitrile	ND		10	2.6	ug/L			05/15/14 18:59	5
Methylene Chloride	5.7	B	5.0	1.7	ug/L			05/15/14 18:59	5
Methyl methacrylate	ND		10	2.5	ug/L			05/15/14 18:59	5
4-Methyl-2-pentanone (MIBK)	ND		50	1.6	ug/L			05/15/14 18:59	5
Propionitrile	ND		20	6.0	ug/L			05/15/14 18:59	5
Styrene	ND		5.0	0.55	ug/L			05/15/14 18:59	5
1,1,1,2-Tetrachloroethane	ND		5.0	1.2	ug/L			05/15/14 18:59	5
1,1,2,2-Tetrachloroethane	ND		5.0	0.90	ug/L			05/15/14 18:59	5
Tetrachloroethene	ND		5.0	1.5	ug/L			05/15/14 18:59	5
Toluene	ND		5.0	0.65	ug/L			05/15/14 18:59	5
trans-1,4-Dichloro-2-butene	ND		5.0	0.75	ug/L			05/15/14 18:59	5
trans-1,2-Dichloroethene	ND		5.0	0.95	ug/L			05/15/14 18:59	5
trans-1,3-Dichloropropene	ND		5.0	0.95	ug/L			05/15/14 18:59	5
1,1,1-Trichloroethane	ND		5.0	1.1	ug/L			05/15/14 18:59	5

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW015BR/050614
Date Collected: 05/06/14 10:25
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	1.4	ug/L			05/15/14 18:59	5
Trichloroethene	4.2	J	5.0	0.85	ug/L			05/15/14 18:59	5
Trichlorofluoromethane	ND		5.0	1.1	ug/L			05/15/14 18:59	5
1,2,3-Trichloropropane	ND		5.0	2.2	ug/L			05/15/14 18:59	5
Vinyl acetate	ND *		10	0.95	ug/L			05/15/14 18:59	5
Vinyl chloride	2.1	J	5.0	1.1	ug/L			05/15/14 18:59	5
Xylenes, Total	ND		10	0.70	ug/L			05/15/14 18:59	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		66 - 120					05/15/14 18:59	5
Dibromofluoromethane (Surr)	98		75 - 121					05/15/14 18:59	5
1,2-Dichloroethane-d4 (Surr)	99		63 - 129					05/15/14 18:59	5
Toluene-d8 (Surr)	90		74 - 120					05/15/14 18:59	5

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW015R/050614

Lab Sample ID: 240-36937-2

Matrix: Water

Date Collected: 05/06/14 11:15

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		250	28	ug/L			05/15/14 19:21	25
Acetonitrile	ND		500	88	ug/L			05/15/14 19:21	25
Acrolein	ND		500	55	ug/L			05/15/14 19:21	25
Acrylonitrile	ND		500	50	ug/L			05/15/14 19:21	25
Benzene	12 J		25	3.3	ug/L			05/15/14 19:21	25
Bromodichloromethane	ND		25	3.8	ug/L			05/15/14 19:21	25
Bromoform	ND		25	16	ug/L			05/15/14 19:21	25
Bromomethane	ND		25	10	ug/L			05/15/14 19:21	25
2-Butanone	ND		250	14	ug/L			05/15/14 19:21	25
Carbon disulfide	ND		25	3.3	ug/L			05/15/14 19:21	25
Carbon tetrachloride	8.8 J		25	3.3	ug/L			05/15/14 19:21	25
Chlorobenzene	ND		25	3.8	ug/L			05/15/14 19:21	25
Chloroethane	ND		25	7.3	ug/L			05/15/14 19:21	25
Chloroform	120		25	4.0	ug/L			05/15/14 19:21	25
Chloromethane	ND		25	7.5	ug/L			05/15/14 19:21	25
Chloroprene	ND		50	7.3	ug/L			05/15/14 19:21	25
3-Chloro-1-propene	ND		50	8.8	ug/L			05/15/14 19:21	25
cis-1,2-Dichloroethene	120		25	4.3	ug/L			05/15/14 19:21	25
cis-1,3-Dichloropropene	ND		25	3.5	ug/L			05/15/14 19:21	25
Dibromochloromethane	ND		25	4.5	ug/L			05/15/14 19:21	25
1,2-Dibromo-3-Chloropropane	ND		50	17	ug/L			05/15/14 19:21	25
Dibromomethane	ND		25	7.0	ug/L			05/15/14 19:21	25
Dichlorodifluoromethane	ND		25	7.8	ug/L			05/15/14 19:21	25
1,1-Dichloroethane	22 J		25	3.8	ug/L			05/15/14 19:21	25
1,2-Dichloroethane	610		25	5.5	ug/L			05/15/14 19:21	25
1,1-Dichloroethene	ND		25	4.8	ug/L			05/15/14 19:21	25
1,2-Dichloroethene, Total	130		50	4.3	ug/L			05/15/14 19:21	25
1,2-Dichloropropane	ND		25	4.5	ug/L			05/15/14 19:21	25
1,4-Dioxane	1100 J		1300	480	ug/L			05/15/14 19:21	25
Ethylbenzene	ND		25	4.3	ug/L			05/15/14 19:21	25
Ethylene Dibromide	ND		25	6.0	ug/L			05/15/14 19:21	25
Ethyl methacrylate	ND		25	3.5	ug/L			05/15/14 19:21	25
2-Hexanone	ND		250	10	ug/L			05/15/14 19:21	25
Iodomethane	ND		25	4.5	ug/L			05/15/14 19:21	25
Isobutanol	ND		1300	210	ug/L			05/15/14 19:21	25
Methacrylonitrile	ND		50	13	ug/L			05/15/14 19:21	25
Methylene Chloride	8.4 JB		25	8.3	ug/L			05/15/14 19:21	25
Methyl methacrylate	ND		50	12	ug/L			05/15/14 19:21	25
4-Methyl-2-pentanone (MIBK)	ND		250	8.0	ug/L			05/15/14 19:21	25
Propionitrile	ND		100	30	ug/L			05/15/14 19:21	25
Styrene	ND		25	2.8	ug/L			05/15/14 19:21	25
1,1,1,2-Tetrachloroethane	ND		25	5.8	ug/L			05/15/14 19:21	25
1,1,2,2-Tetrachloroethane	23 J		25	4.5	ug/L			05/15/14 19:21	25
Tetrachloroethene	64		25	7.3	ug/L			05/15/14 19:21	25
Toluene	ND		25	3.3	ug/L			05/15/14 19:21	25
trans-1,4-Dichloro-2-butene	ND		25	3.8	ug/L			05/15/14 19:21	25
trans-1,2-Dichloroethene	9.9 J		25	4.8	ug/L			05/15/14 19:21	25
trans-1,3-Dichloropropene	ND		25	4.8	ug/L			05/15/14 19:21	25
1,1,1-Trichloroethane	9.9 J		25	5.5	ug/L			05/15/14 19:21	25

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW015R/050614
Date Collected: 05/06/14 11:15
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		25	6.8	ug/L			05/15/14 19:21	25
Trichloroethene	650		25	4.3	ug/L			05/15/14 19:21	25
Trichlorofluoromethane	ND		25	5.3	ug/L			05/15/14 19:21	25
1,2,3-Trichloropropane	ND		25	11	ug/L			05/15/14 19:21	25
Vinyl acetate	ND *		50	4.8	ug/L			05/15/14 19:21	25
Vinyl chloride	8.3 J		25	5.5	ug/L			05/15/14 19:21	25
Xylenes, Total	ND		50	3.5	ug/L			05/15/14 19:21	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		66 - 120					05/15/14 19:21	25
Dibromofluoromethane (Surr)	94		75 - 121					05/15/14 19:21	25
1,2-Dichloroethane-d4 (Surr)	98		63 - 129					05/15/14 19:21	25
Toluene-d8 (Surr)	92		74 - 120					05/15/14 19:21	25

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW044/050614

Lab Sample ID: 240-36937-3

Matrix: Water

Date Collected: 05/06/14 12:35

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			05/14/14 23:48	1
Acetonitrile	ND		20	3.5	ug/L			05/14/14 23:48	1
Acrolein	ND		20	2.2	ug/L			05/14/14 23:48	1
Acrylonitrile	ND		20	2.0	ug/L			05/14/14 23:48	1
Benzene	ND		1.0	0.13	ug/L			05/14/14 23:48	1
Bromodichloromethane	ND		1.0	0.15	ug/L			05/14/14 23:48	1
Bromoform	ND		1.0	0.64	ug/L			05/14/14 23:48	1
Bromomethane	ND		1.0	0.41	ug/L			05/14/14 23:48	1
2-Butanone	ND		10	0.57	ug/L			05/14/14 23:48	1
Carbon disulfide	ND		1.0	0.13	ug/L			05/14/14 23:48	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			05/14/14 23:48	1
Chlorobenzene	ND		1.0	0.15	ug/L			05/14/14 23:48	1
Chloroethane	ND		1.0	0.29	ug/L			05/14/14 23:48	1
Chloroform	ND		1.0	0.16	ug/L			05/14/14 23:48	1
Chloromethane	ND		1.0	0.30	ug/L			05/14/14 23:48	1
Chloroprene	ND		2.0	0.29	ug/L			05/14/14 23:48	1
3-Chloro-1-propene	ND		2.0	0.35	ug/L			05/14/14 23:48	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/14/14 23:48	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			05/14/14 23:48	1
Dibromochloromethane	ND		1.0	0.18	ug/L			05/14/14 23:48	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.67	ug/L			05/14/14 23:48	1
Dibromomethane	ND		1.0	0.28	ug/L			05/14/14 23:48	1
Dichlorodifluoromethane	ND		1.0	0.31	ug/L			05/14/14 23:48	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			05/14/14 23:48	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			05/14/14 23:48	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/14/14 23:48	1
1,2-Dichloroethene, Total	ND		2.0	0.17	ug/L			05/14/14 23:48	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			05/14/14 23:48	1
1,4-Dioxane	ND		50	19	ug/L			05/14/14 23:48	1
Ethylbenzene	ND		1.0	0.17	ug/L			05/14/14 23:48	1
Ethylene Dibromide	ND		1.0	0.24	ug/L			05/14/14 23:48	1
Ethyl methacrylate	ND		1.0	0.14	ug/L			05/14/14 23:48	1
2-Hexanone	ND		10	0.41	ug/L			05/14/14 23:48	1
Iodomethane	ND		1.0	0.18	ug/L			05/14/14 23:48	1
Isobutanol	ND		50	8.2	ug/L			05/14/14 23:48	1
Methacrylonitrile	ND		2.0	0.51	ug/L			05/14/14 23:48	1
Methylene Chloride	ND		1.0	0.33	ug/L			05/14/14 23:48	1
Methyl methacrylate	ND		2.0	0.49	ug/L			05/14/14 23:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			05/14/14 23:48	1
Propionitrile	ND		4.0	1.2	ug/L			05/14/14 23:48	1
Styrene	ND		1.0	0.11	ug/L			05/14/14 23:48	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.23	ug/L			05/14/14 23:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			05/14/14 23:48	1
Tetrachloroethene	ND		1.0	0.29	ug/L			05/14/14 23:48	1
Toluene	ND		1.0	0.13	ug/L			05/14/14 23:48	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.15	ug/L			05/14/14 23:48	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/14/14 23:48	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/14/14 23:48	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			05/14/14 23:48	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW044/050614
Date Collected: 05/06/14 12:35
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			05/14/14 23:48	1
Trichloroethene	ND		1.0	0.17	ug/L			05/14/14 23:48	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			05/14/14 23:48	1
1,2,3-Trichloropropane	ND		1.0	0.43	ug/L			05/14/14 23:48	1
Vinyl acetate	ND		2.0	0.19	ug/L			05/14/14 23:48	1
Vinyl chloride	ND		1.0	0.22	ug/L			05/14/14 23:48	1
Xylenes, Total	ND		2.0	0.14	ug/L			05/14/14 23:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		66 - 120					05/14/14 23:48	1
Dibromofluoromethane (Surr)	86		75 - 121					05/14/14 23:48	1
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/14/14 23:48	1
Toluene-d8 (Surr)	87		74 - 120					05/14/14 23:48	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW031A/050614

Lab Sample ID: 240-36937-4

Matrix: Water

Date Collected: 05/06/14 13:55

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		170	18	ug/L			05/15/14 19:43	16.67
Acetonitrile	ND		330	58	ug/L			05/15/14 19:43	16.67
Acrolein	ND		330	37	ug/L			05/15/14 19:43	16.67
Acrylonitrile	ND		330	33	ug/L			05/15/14 19:43	16.67
Benzene	7.5 J		17	2.2	ug/L			05/15/14 19:43	16.67
Bromodichloromethane	ND		17	2.5	ug/L			05/15/14 19:43	16.67
Bromoform	ND		17	11	ug/L			05/15/14 19:43	16.67
Bromomethane	ND		17	6.8	ug/L			05/15/14 19:43	16.67
2-Butanone	ND		170	9.5	ug/L			05/15/14 19:43	16.67
Carbon disulfide	ND		17	2.2	ug/L			05/15/14 19:43	16.67
Carbon tetrachloride	ND		17	2.2	ug/L			05/15/14 19:43	16.67
Chlorobenzene	ND		17	2.5	ug/L			05/15/14 19:43	16.67
Chloroethane	ND		17	4.8	ug/L			05/15/14 19:43	16.67
Chloroform	ND		17	2.7	ug/L			05/15/14 19:43	16.67
Chloromethane	ND		17	5.0	ug/L			05/15/14 19:43	16.67
Chloroprene	ND		33	4.8	ug/L			05/15/14 19:43	16.67
3-Chloro-1-propene	ND		33	5.8	ug/L			05/15/14 19:43	16.67
cis-1,2-Dichloroethene	390		17	2.8	ug/L			05/15/14 19:43	16.67
cis-1,3-Dichloropropene	ND		17	2.3	ug/L			05/15/14 19:43	16.67
Dibromochloromethane	ND		17	3.0	ug/L			05/15/14 19:43	16.67
1,2-Dibromo-3-Chloropropane	ND		33	11	ug/L			05/15/14 19:43	16.67
Dibromomethane	ND		17	4.7	ug/L			05/15/14 19:43	16.67
Dichlorodifluoromethane	ND		17	5.2	ug/L			05/15/14 19:43	16.67
1,1-Dichloroethane	ND		17	2.5	ug/L			05/15/14 19:43	16.67
1,2-Dichloroethane	39		17	3.7	ug/L			05/15/14 19:43	16.67
1,1-Dichloroethene	ND		17	3.2	ug/L			05/15/14 19:43	16.67
1,2-Dichloroethene, Total	390		33	2.8	ug/L			05/15/14 19:43	16.67
1,2-Dichloropropane	ND		17	3.0	ug/L			05/15/14 19:43	16.67
1,4-Dioxane	8700		830	320	ug/L			05/15/14 19:43	16.67
Ethylbenzene	ND		17	2.8	ug/L			05/15/14 19:43	16.67
Ethylene Dibromide	ND		17	4.0	ug/L			05/15/14 19:43	16.67
Ethyl methacrylate	ND		17	2.3	ug/L			05/15/14 19:43	16.67
2-Hexanone	ND		170	6.8	ug/L			05/15/14 19:43	16.67
Iodomethane	ND		17	3.0	ug/L			05/15/14 19:43	16.67
Isobutanol	ND		830	140	ug/L			05/15/14 19:43	16.67
Methacrylonitrile	ND		33	8.5	ug/L			05/15/14 19:43	16.67
Methylene Chloride	7.2 JB		17	5.5	ug/L			05/15/14 19:43	16.67
Methyl methacrylate	ND		33	8.2	ug/L			05/15/14 19:43	16.67
4-Methyl-2-pentanone (MIBK)	ND		170	5.3	ug/L			05/15/14 19:43	16.67
Propionitrile	ND		67	20	ug/L			05/15/14 19:43	16.67
Styrene	ND		17	1.8	ug/L			05/15/14 19:43	16.67
1,1,1,2-Tetrachloroethane	ND		17	3.8	ug/L			05/15/14 19:43	16.67
1,1,2,2-Tetrachloroethane	ND		17	3.0	ug/L			05/15/14 19:43	16.67
Tetrachloroethene	140		17	4.8	ug/L			05/15/14 19:43	16.67
Toluene	ND		17	2.2	ug/L			05/15/14 19:43	16.67
trans-1,4-Dichloro-2-butene	ND		17	2.5	ug/L			05/15/14 19:43	16.67
trans-1,2-Dichloroethene	ND		17	3.2	ug/L			05/15/14 19:43	16.67
trans-1,3-Dichloropropene	ND		17	3.2	ug/L			05/15/14 19:43	16.67
1,1,1-Trichloroethane	ND		17	3.7	ug/L			05/15/14 19:43	16.67

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW031A/050614
Date Collected: 05/06/14 13:55
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		17	4.5	ug/L			05/15/14 19:43	16.67
Trichloroethene	500		17	2.8	ug/L			05/15/14 19:43	16.67
Trichlorofluoromethane	ND		17	3.5	ug/L			05/15/14 19:43	16.67
1,2,3-Trichloropropane	ND		17	7.2	ug/L			05/15/14 19:43	16.67
Vinyl acetate	ND *		33	3.2	ug/L			05/15/14 19:43	16.67
Vinyl chloride	110		17	3.7	ug/L			05/15/14 19:43	16.67
Xylenes, Total	ND		33	2.3	ug/L			05/15/14 19:43	16.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		66 - 120					05/15/14 19:43	16.67
Dibromofluoromethane (Surr)	98		75 - 121					05/15/14 19:43	16.67
1,2-Dichloroethane-d4 (Surr)	98		63 - 129					05/15/14 19:43	16.67
Toluene-d8 (Surr)	95		74 - 120					05/15/14 19:43	16.67

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW031D/050614

Lab Sample ID: 240-36937-5

Matrix: Water

Date Collected: 05/06/14 13:50

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		67	7.3	ug/L			05/15/14 20:05	6.67
Acetonitrile	ND		130	23	ug/L			05/15/14 20:05	6.67
Acrolein	ND		130	15	ug/L			05/15/14 20:05	6.67
Acrylonitrile	ND		130	13	ug/L			05/15/14 20:05	6.67
Benzene	ND		6.7	0.87	ug/L			05/15/14 20:05	6.67
Bromodichloromethane	ND		6.7	1.0	ug/L			05/15/14 20:05	6.67
Bromoform	ND		6.7	4.3	ug/L			05/15/14 20:05	6.67
Bromomethane	ND		6.7	2.7	ug/L			05/15/14 20:05	6.67
2-Butanone	ND		67	3.8	ug/L			05/15/14 20:05	6.67
Carbon disulfide	ND		6.7	0.87	ug/L			05/15/14 20:05	6.67
Carbon tetrachloride	ND		6.7	0.87	ug/L			05/15/14 20:05	6.67
Chlorobenzene	ND		6.7	1.0	ug/L			05/15/14 20:05	6.67
Chloroethane	ND		6.7	1.9	ug/L			05/15/14 20:05	6.67
Chloroform	ND		6.7	1.1	ug/L			05/15/14 20:05	6.67
Chloromethane	ND		6.7	2.0	ug/L			05/15/14 20:05	6.67
Chloroprene	ND		13	1.9	ug/L			05/15/14 20:05	6.67
3-Chloro-1-propene	ND		13	2.3	ug/L			05/15/14 20:05	6.67
cis-1,2-Dichloroethene	80		6.7	1.1	ug/L			05/15/14 20:05	6.67
cis-1,3-Dichloropropene	ND		6.7	0.93	ug/L			05/15/14 20:05	6.67
Dibromochloromethane	ND		6.7	1.2	ug/L			05/15/14 20:05	6.67
1,2-Dibromo-3-Chloropropane	ND		13	4.5	ug/L			05/15/14 20:05	6.67
Dibromomethane	ND		6.7	1.9	ug/L			05/15/14 20:05	6.67
Dichlorodifluoromethane	ND		6.7	2.1	ug/L			05/15/14 20:05	6.67
1,1-Dichloroethane	ND		6.7	1.0	ug/L			05/15/14 20:05	6.67
1,2-Dichloroethane	95		6.7	1.5	ug/L			05/15/14 20:05	6.67
1,1-Dichloroethene	ND		6.7	1.3	ug/L			05/15/14 20:05	6.67
1,2-Dichloroethene, Total	80		13	1.1	ug/L			05/15/14 20:05	6.67
1,2-Dichloropropane	ND		6.7	1.2	ug/L			05/15/14 20:05	6.67
1,4-Dioxane	1700		330	130	ug/L			05/15/14 20:05	6.67
Ethylbenzene	ND		6.7	1.1	ug/L			05/15/14 20:05	6.67
Ethylene Dibromide	ND		6.7	1.6	ug/L			05/15/14 20:05	6.67
Ethyl methacrylate	ND		6.7	0.93	ug/L			05/15/14 20:05	6.67
2-Hexanone	ND		67	2.7	ug/L			05/15/14 20:05	6.67
Iodomethane	ND		6.7	1.2	ug/L			05/15/14 20:05	6.67
Isobutanol	ND		330	55	ug/L			05/15/14 20:05	6.67
Methacrylonitrile	ND		13	3.4	ug/L			05/15/14 20:05	6.67
Methylene Chloride	2.5 J B		6.7	2.2	ug/L			05/15/14 20:05	6.67
Methyl methacrylate	ND		13	3.3	ug/L			05/15/14 20:05	6.67
4-Methyl-2-pentanone (MIBK)	ND		67	2.1	ug/L			05/15/14 20:05	6.67
Propionitrile	ND		27	8.0	ug/L			05/15/14 20:05	6.67
Styrene	ND		6.7	0.73	ug/L			05/15/14 20:05	6.67
1,1,1,2-Tetrachloroethane	ND		6.7	1.5	ug/L			05/15/14 20:05	6.67
1,1,2,2-Tetrachloroethane	ND		6.7	1.2	ug/L			05/15/14 20:05	6.67
Tetrachloroethene	2.3 J		6.7	1.9	ug/L			05/15/14 20:05	6.67
Toluene	ND		6.7	0.87	ug/L			05/15/14 20:05	6.67
trans-1,4-Dichloro-2-butene	ND		6.7	1.0	ug/L			05/15/14 20:05	6.67
trans-1,2-Dichloroethene	ND		6.7	1.3	ug/L			05/15/14 20:05	6.67
trans-1,3-Dichloropropene	ND		6.7	1.3	ug/L			05/15/14 20:05	6.67
1,1,1-Trichloroethane	ND		6.7	1.5	ug/L			05/15/14 20:05	6.67

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW031D/050614
Date Collected: 05/06/14 13:50
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		6.7	1.8	ug/L			05/15/14 20:05	6.67
Trichloroethene	31		6.7	1.1	ug/L			05/15/14 20:05	6.67
Trichlorofluoromethane	ND		6.7	1.4	ug/L			05/15/14 20:05	6.67
1,2,3-Trichloropropane	ND		6.7	2.9	ug/L			05/15/14 20:05	6.67
Vinyl acetate	ND *		13	1.3	ug/L			05/15/14 20:05	6.67
Vinyl chloride	14		6.7	1.5	ug/L			05/15/14 20:05	6.67
Xylenes, Total	ND		13	0.93	ug/L			05/15/14 20:05	6.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 120					05/15/14 20:05	6.67
Dibromofluoromethane (Surr)	98		75 - 121					05/15/14 20:05	6.67
1,2-Dichloroethane-d4 (Surr)	99		63 - 129					05/15/14 20:05	6.67
Toluene-d8 (Surr)	92		74 - 120					05/15/14 20:05	6.67

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW041/050614

Lab Sample ID: 240-36937-6

Matrix: Water

Date Collected: 05/06/14 00:00

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			05/15/14 00:12	1
Acetonitrile	ND		20	3.5	ug/L			05/15/14 00:12	1
Acrolein	ND		20	2.2	ug/L			05/15/14 00:12	1
Acrylonitrile	ND		20	2.0	ug/L			05/15/14 00:12	1
Benzene	ND		1.0	0.13	ug/L			05/15/14 00:12	1
Bromodichloromethane	ND		1.0	0.15	ug/L			05/15/14 00:12	1
Bromoform	ND		1.0	0.64	ug/L			05/15/14 00:12	1
Bromomethane	ND		1.0	0.41	ug/L			05/15/14 00:12	1
2-Butanone	0.80	J	10	0.57	ug/L			05/15/14 00:12	1
Carbon disulfide	ND		1.0	0.13	ug/L			05/15/14 00:12	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			05/15/14 00:12	1
Chlorobenzene	ND		1.0	0.15	ug/L			05/15/14 00:12	1
Chloroethane	ND		1.0	0.29	ug/L			05/15/14 00:12	1
Chloroform	ND		1.0	0.16	ug/L			05/15/14 00:12	1
Chloromethane	ND		1.0	0.30	ug/L			05/15/14 00:12	1
Chloroprene	ND		2.0	0.29	ug/L			05/15/14 00:12	1
3-Chloro-1-propene	ND		2.0	0.35	ug/L			05/15/14 00:12	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/15/14 00:12	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			05/15/14 00:12	1
Dibromochloromethane	ND		1.0	0.18	ug/L			05/15/14 00:12	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.67	ug/L			05/15/14 00:12	1
Dibromomethane	ND		1.0	0.28	ug/L			05/15/14 00:12	1
Dichlorodifluoromethane	ND		1.0	0.31	ug/L			05/15/14 00:12	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			05/15/14 00:12	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			05/15/14 00:12	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 00:12	1
1,2-Dichloroethene, Total	ND		2.0	0.17	ug/L			05/15/14 00:12	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			05/15/14 00:12	1
1,4-Dioxane	ND		50	19	ug/L			05/15/14 00:12	1
Ethylbenzene	ND		1.0	0.17	ug/L			05/15/14 00:12	1
Ethylene Dibromide	ND		1.0	0.24	ug/L			05/15/14 00:12	1
Ethyl methacrylate	ND		1.0	0.14	ug/L			05/15/14 00:12	1
2-Hexanone	ND		10	0.41	ug/L			05/15/14 00:12	1
Iodomethane	ND		1.0	0.18	ug/L			05/15/14 00:12	1
Isobutanol	ND		50	8.2	ug/L			05/15/14 00:12	1
Methacrylonitrile	ND		2.0	0.51	ug/L			05/15/14 00:12	1
Methylene Chloride	ND		1.0	0.33	ug/L			05/15/14 00:12	1
Methyl methacrylate	ND		2.0	0.49	ug/L			05/15/14 00:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			05/15/14 00:12	1
Propionitrile	ND		4.0	1.2	ug/L			05/15/14 00:12	1
Styrene	ND		1.0	0.11	ug/L			05/15/14 00:12	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.23	ug/L			05/15/14 00:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			05/15/14 00:12	1
Tetrachloroethene	ND		1.0	0.29	ug/L			05/15/14 00:12	1
Toluene	0.16	J	1.0	0.13	ug/L			05/15/14 00:12	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.15	ug/L			05/15/14 00:12	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 00:12	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/15/14 00:12	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			05/15/14 00:12	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW041/050614
Date Collected: 05/06/14 00:00
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			05/15/14 00:12	1
Trichloroethene	ND		1.0	0.17	ug/L			05/15/14 00:12	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			05/15/14 00:12	1
1,2,3-Trichloropropane	ND		1.0	0.43	ug/L			05/15/14 00:12	1
Vinyl acetate	ND		2.0	0.19	ug/L			05/15/14 00:12	1
Vinyl chloride	ND		1.0	0.22	ug/L			05/15/14 00:12	1
Xylenes, Total	ND		2.0	0.14	ug/L			05/15/14 00:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		66 - 120					05/15/14 00:12	1
Dibromofluoromethane (Surr)	99		75 - 121					05/15/14 00:12	1
1,2-Dichloroethane-d4 (Surr)	82		63 - 129					05/15/14 00:12	1
Toluene-d8 (Surr)	85		74 - 120					05/15/14 00:12	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW001R/050614

Lab Sample ID: 240-36937-7

Matrix: Water

Date Collected: 05/06/14 13:40

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			05/15/14 00:35	1
Acetonitrile	ND		20	3.5	ug/L			05/15/14 00:35	1
Acrolein	ND		20	2.2	ug/L			05/15/14 00:35	1
Acrylonitrile	ND		20	2.0	ug/L			05/15/14 00:35	1
Benzene	ND		1.0	0.13	ug/L			05/15/14 00:35	1
Bromodichloromethane	ND		1.0	0.15	ug/L			05/15/14 00:35	1
Bromoform	ND		1.0	0.64	ug/L			05/15/14 00:35	1
Bromomethane	ND		1.0	0.41	ug/L			05/15/14 00:35	1
2-Butanone	ND		10	0.57	ug/L			05/15/14 00:35	1
Carbon disulfide	ND		1.0	0.13	ug/L			05/15/14 00:35	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			05/15/14 00:35	1
Chlorobenzene	ND		1.0	0.15	ug/L			05/15/14 00:35	1
Chloroethane	ND		1.0	0.29	ug/L			05/15/14 00:35	1
Chloroform	ND		1.0	0.16	ug/L			05/15/14 00:35	1
Chloromethane	ND		1.0	0.30	ug/L			05/15/14 00:35	1
Chloroprene	ND		2.0	0.29	ug/L			05/15/14 00:35	1
3-Chloro-1-propene	ND		2.0	0.35	ug/L			05/15/14 00:35	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/15/14 00:35	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			05/15/14 00:35	1
Dibromochloromethane	ND		1.0	0.18	ug/L			05/15/14 00:35	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.67	ug/L			05/15/14 00:35	1
Dibromomethane	ND		1.0	0.28	ug/L			05/15/14 00:35	1
Dichlorodifluoromethane	ND		1.0	0.31	ug/L			05/15/14 00:35	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			05/15/14 00:35	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			05/15/14 00:35	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 00:35	1
1,2-Dichloroethene, Total	ND		2.0	0.17	ug/L			05/15/14 00:35	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			05/15/14 00:35	1
1,4-Dioxane	ND		50	19	ug/L			05/15/14 00:35	1
Ethylbenzene	ND		1.0	0.17	ug/L			05/15/14 00:35	1
Ethylene Dibromide	ND		1.0	0.24	ug/L			05/15/14 00:35	1
Ethyl methacrylate	ND		1.0	0.14	ug/L			05/15/14 00:35	1
2-Hexanone	ND		10	0.41	ug/L			05/15/14 00:35	1
Iodomethane	ND		1.0	0.18	ug/L			05/15/14 00:35	1
Isobutanol	ND		50	8.2	ug/L			05/15/14 00:35	1
Methacrylonitrile	ND		2.0	0.51	ug/L			05/15/14 00:35	1
Methylene Chloride	ND		1.0	0.33	ug/L			05/15/14 00:35	1
Methyl methacrylate	ND		2.0	0.49	ug/L			05/15/14 00:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			05/15/14 00:35	1
Propionitrile	ND		4.0	1.2	ug/L			05/15/14 00:35	1
Styrene	ND		1.0	0.11	ug/L			05/15/14 00:35	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.23	ug/L			05/15/14 00:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			05/15/14 00:35	1
Tetrachloroethene	ND		1.0	0.29	ug/L			05/15/14 00:35	1
Toluene	ND		1.0	0.13	ug/L			05/15/14 00:35	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.15	ug/L			05/15/14 00:35	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 00:35	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/15/14 00:35	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			05/15/14 00:35	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW001R/050614
Date Collected: 05/06/14 13:40
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			05/15/14 00:35	1
Trichloroethene	ND		1.0	0.17	ug/L			05/15/14 00:35	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			05/15/14 00:35	1
1,2,3-Trichloropropane	ND		1.0	0.43	ug/L			05/15/14 00:35	1
Vinyl acetate	ND		2.0	0.19	ug/L			05/15/14 00:35	1
Vinyl chloride	ND		1.0	0.22	ug/L			05/15/14 00:35	1
Xylenes, Total	ND		2.0	0.14	ug/L			05/15/14 00:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		66 - 120					05/15/14 00:35	1
Dibromofluoromethane (Surr)	88		75 - 121					05/15/14 00:35	1
1,2-Dichloroethane-d4 (Surr)	80		63 - 129					05/15/14 00:35	1
Toluene-d8 (Surr)	88		74 - 120					05/15/14 00:35	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW001AR/050614

Lab Sample ID: 240-36937-8

Matrix: Water

Date Collected: 05/06/14 14:50

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			05/13/14 00:42	1
Acetonitrile	ND		20	3.5	ug/L			05/13/14 00:42	1
Acrolein	ND		20	2.2	ug/L			05/13/14 00:42	1
Acrylonitrile	ND		20	2.0	ug/L			05/13/14 00:42	1
Benzene	ND		1.0	0.13	ug/L			05/13/14 00:42	1
Bromodichloromethane	ND		1.0	0.15	ug/L			05/13/14 00:42	1
Bromoform	ND		1.0	0.64	ug/L			05/13/14 00:42	1
Bromomethane	ND		1.0	0.41	ug/L			05/13/14 00:42	1
2-Butanone	0.78 J		10	0.57	ug/L			05/13/14 00:42	1
Carbon disulfide	0.14 J		1.0	0.13	ug/L			05/13/14 00:42	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			05/13/14 00:42	1
Chlorobenzene	ND		1.0	0.15	ug/L			05/13/14 00:42	1
Chloroethane	ND		1.0	0.29	ug/L			05/13/14 00:42	1
Chloroform	ND		1.0	0.16	ug/L			05/13/14 00:42	1
Chloromethane	ND		1.0	0.30	ug/L			05/13/14 00:42	1
Chloroprene	ND		2.0	0.29	ug/L			05/13/14 00:42	1
3-Chloro-1-propene	ND		2.0	0.35	ug/L			05/13/14 00:42	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/13/14 00:42	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			05/13/14 00:42	1
Dibromochloromethane	ND		1.0	0.18	ug/L			05/13/14 00:42	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.67	ug/L			05/13/14 00:42	1
Dibromomethane	ND		1.0	0.28	ug/L			05/13/14 00:42	1
Dichlorodifluoromethane	ND		1.0	0.31	ug/L			05/13/14 00:42	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			05/13/14 00:42	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			05/13/14 00:42	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/13/14 00:42	1
1,2-Dichloroethene, Total	ND		2.0	0.17	ug/L			05/13/14 00:42	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			05/13/14 00:42	1
1,4-Dioxane	ND		50	19	ug/L			05/13/14 00:42	1
Ethylbenzene	ND		1.0	0.17	ug/L			05/13/14 00:42	1
Ethylene Dibromide	ND		1.0	0.24	ug/L			05/13/14 00:42	1
Ethyl methacrylate	ND		1.0	0.14	ug/L			05/13/14 00:42	1
2-Hexanone	ND		10	0.41	ug/L			05/13/14 00:42	1
Iodomethane	ND		1.0	0.18	ug/L			05/13/14 00:42	1
Isobutanol	ND		50	8.2	ug/L			05/13/14 00:42	1
Methacrylonitrile	ND		2.0	0.51	ug/L			05/13/14 00:42	1
Methylene Chloride	ND		1.0	0.33	ug/L			05/13/14 00:42	1
Methyl methacrylate	ND		2.0	0.49	ug/L			05/13/14 00:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			05/13/14 00:42	1
Propionitrile	ND		4.0	1.2	ug/L			05/13/14 00:42	1
Styrene	ND		1.0	0.11	ug/L			05/13/14 00:42	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.23	ug/L			05/13/14 00:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			05/13/14 00:42	1
Tetrachloroethene	ND		1.0	0.29	ug/L			05/13/14 00:42	1
Toluene	ND		1.0	0.13	ug/L			05/13/14 00:42	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.15	ug/L			05/13/14 00:42	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/13/14 00:42	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/13/14 00:42	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			05/13/14 00:42	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW001AR/050614
Date Collected: 05/06/14 14:50
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			05/13/14 00:42	1
Trichloroethene	ND		1.0	0.17	ug/L			05/13/14 00:42	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			05/13/14 00:42	1
1,2,3-Trichloropropane	ND		1.0	0.43	ug/L			05/13/14 00:42	1
Vinyl acetate	ND		2.0	0.19	ug/L			05/13/14 00:42	1
Vinyl chloride	ND		1.0	0.22	ug/L			05/13/14 00:42	1
Xylenes, Total	ND		2.0	0.14	ug/L			05/13/14 00:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	84		66 - 120				05/13/14 00:42	1	
Dibromofluoromethane (Surr)	88		75 - 121				05/13/14 00:42	1	
1,2-Dichloroethane-d4 (Surr)	84		63 - 129				05/13/14 00:42	1	
Toluene-d8 (Surr)	86		74 - 120				05/13/14 00:42	1	

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW021A/050614

Lab Sample ID: 240-36937-9

Matrix: Water

Date Collected: 05/06/14 10:15

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			05/15/14 00:58	1
Acetonitrile	ND		20	3.5	ug/L			05/15/14 00:58	1
Acrolein	ND		20	2.2	ug/L			05/15/14 00:58	1
Acrylonitrile	ND		20	2.0	ug/L			05/15/14 00:58	1
Benzene	ND		1.0	0.13	ug/L			05/15/14 00:58	1
Bromodichloromethane	ND		1.0	0.15	ug/L			05/15/14 00:58	1
Bromoform	ND		1.0	0.64	ug/L			05/15/14 00:58	1
Bromomethane	ND		1.0	0.41	ug/L			05/15/14 00:58	1
2-Butanone	1.1 J		10	0.57	ug/L			05/15/14 00:58	1
Carbon disulfide	0.43 J		1.0	0.13	ug/L			05/15/14 00:58	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			05/15/14 00:58	1
Chlorobenzene	ND		1.0	0.15	ug/L			05/15/14 00:58	1
Chloroethane	ND		1.0	0.29	ug/L			05/15/14 00:58	1
Chloroform	ND		1.0	0.16	ug/L			05/15/14 00:58	1
Chloromethane	ND		1.0	0.30	ug/L			05/15/14 00:58	1
Chloroprene	ND		2.0	0.29	ug/L			05/15/14 00:58	1
3-Chloro-1-propene	ND		2.0	0.35	ug/L			05/15/14 00:58	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/15/14 00:58	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			05/15/14 00:58	1
Dibromochloromethane	ND		1.0	0.18	ug/L			05/15/14 00:58	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.67	ug/L			05/15/14 00:58	1
Dibromomethane	ND		1.0	0.28	ug/L			05/15/14 00:58	1
Dichlorodifluoromethane	ND		1.0	0.31	ug/L			05/15/14 00:58	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			05/15/14 00:58	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			05/15/14 00:58	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 00:58	1
1,2-Dichloroethene, Total	ND		2.0	0.17	ug/L			05/15/14 00:58	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			05/15/14 00:58	1
1,4-Dioxane	ND		50	19	ug/L			05/15/14 00:58	1
Ethylbenzene	ND		1.0	0.17	ug/L			05/15/14 00:58	1
Ethylene Dibromide	ND		1.0	0.24	ug/L			05/15/14 00:58	1
Ethyl methacrylate	ND		1.0	0.14	ug/L			05/15/14 00:58	1
2-Hexanone	ND		10	0.41	ug/L			05/15/14 00:58	1
Iodomethane	ND		1.0	0.18	ug/L			05/15/14 00:58	1
Isobutanol	ND		50	8.2	ug/L			05/15/14 00:58	1
Methacrylonitrile	ND		2.0	0.51	ug/L			05/15/14 00:58	1
Methylene Chloride	ND		1.0	0.33	ug/L			05/15/14 00:58	1
Methyl methacrylate	ND		2.0	0.49	ug/L			05/15/14 00:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			05/15/14 00:58	1
Propionitrile	ND		4.0	1.2	ug/L			05/15/14 00:58	1
Styrene	ND		1.0	0.11	ug/L			05/15/14 00:58	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.23	ug/L			05/15/14 00:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			05/15/14 00:58	1
Tetrachloroethene	ND		1.0	0.29	ug/L			05/15/14 00:58	1
Toluene	ND		1.0	0.13	ug/L			05/15/14 00:58	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.15	ug/L			05/15/14 00:58	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 00:58	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/15/14 00:58	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			05/15/14 00:58	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW021A/050614
Date Collected: 05/06/14 10:15
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			05/15/14 00:58	1
Trichloroethene	ND		1.0	0.17	ug/L			05/15/14 00:58	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			05/15/14 00:58	1
1,2,3-Trichloropropane	ND		1.0	0.43	ug/L			05/15/14 00:58	1
Vinyl acetate	ND		2.0	0.19	ug/L			05/15/14 00:58	1
Vinyl chloride	ND		1.0	0.22	ug/L			05/15/14 00:58	1
Xylenes, Total	ND		2.0	0.14	ug/L			05/15/14 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		66 - 120					05/15/14 00:58	1
Dibromofluoromethane (Surr)	86		75 - 121					05/15/14 00:58	1
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/15/14 00:58	1
Toluene-d8 (Surr)	86		74 - 120					05/15/14 00:58	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW030/050614

Lab Sample ID: 240-36937-10

Matrix: Water

Date Collected: 05/06/14 12:25

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			05/15/14 01:22	1
Acetonitrile	ND		20	3.5	ug/L			05/15/14 01:22	1
Acrolein	ND		20	2.2	ug/L			05/15/14 01:22	1
Acrylonitrile	ND		20	2.0	ug/L			05/15/14 01:22	1
Benzene	ND		1.0	0.13	ug/L			05/15/14 01:22	1
Bromodichloromethane	ND		1.0	0.15	ug/L			05/15/14 01:22	1
Bromoform	ND		1.0	0.64	ug/L			05/15/14 01:22	1
Bromomethane	ND		1.0	0.41	ug/L			05/15/14 01:22	1
2-Butanone	ND		10	0.57	ug/L			05/15/14 01:22	1
Carbon disulfide	ND		1.0	0.13	ug/L			05/15/14 01:22	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			05/15/14 01:22	1
Chlorobenzene	ND		1.0	0.15	ug/L			05/15/14 01:22	1
Chloroethane	ND		1.0	0.29	ug/L			05/15/14 01:22	1
Chloroform	ND		1.0	0.16	ug/L			05/15/14 01:22	1
Chloromethane	ND		1.0	0.30	ug/L			05/15/14 01:22	1
Chloroprene	ND		2.0	0.29	ug/L			05/15/14 01:22	1
3-Chloro-1-propene	ND		2.0	0.35	ug/L			05/15/14 01:22	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/15/14 01:22	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			05/15/14 01:22	1
Dibromochloromethane	ND		1.0	0.18	ug/L			05/15/14 01:22	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.67	ug/L			05/15/14 01:22	1
Dibromomethane	ND		1.0	0.28	ug/L			05/15/14 01:22	1
Dichlorodifluoromethane	ND		1.0	0.31	ug/L			05/15/14 01:22	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			05/15/14 01:22	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			05/15/14 01:22	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 01:22	1
1,2-Dichloroethene, Total	ND		2.0	0.17	ug/L			05/15/14 01:22	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			05/15/14 01:22	1
1,4-Dioxane	33 J		50	19	ug/L			05/15/14 01:22	1
Ethylbenzene	ND		1.0	0.17	ug/L			05/15/14 01:22	1
Ethylene Dibromide	ND		1.0	0.24	ug/L			05/15/14 01:22	1
Ethyl methacrylate	ND		1.0	0.14	ug/L			05/15/14 01:22	1
2-Hexanone	ND		10	0.41	ug/L			05/15/14 01:22	1
Iodomethane	ND		1.0	0.18	ug/L			05/15/14 01:22	1
Isobutanol	ND		50	8.2	ug/L			05/15/14 01:22	1
Methacrylonitrile	ND		2.0	0.51	ug/L			05/15/14 01:22	1
Methylene Chloride	ND		1.0	0.33	ug/L			05/15/14 01:22	1
Methyl methacrylate	ND		2.0	0.49	ug/L			05/15/14 01:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			05/15/14 01:22	1
Propionitrile	ND		4.0	1.2	ug/L			05/15/14 01:22	1
Styrene	ND		1.0	0.11	ug/L			05/15/14 01:22	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.23	ug/L			05/15/14 01:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			05/15/14 01:22	1
Tetrachloroethene	ND		1.0	0.29	ug/L			05/15/14 01:22	1
Toluene	ND		1.0	0.13	ug/L			05/15/14 01:22	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.15	ug/L			05/15/14 01:22	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 01:22	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/15/14 01:22	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			05/15/14 01:22	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW030/050614
Date Collected: 05/06/14 12:25
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			05/15/14 01:22	1
Trichloroethene	0.44	J		0.17	ug/L			05/15/14 01:22	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			05/15/14 01:22	1
1,2,3-Trichloropropane	ND		1.0	0.43	ug/L			05/15/14 01:22	1
Vinyl acetate	ND		2.0	0.19	ug/L			05/15/14 01:22	1
Vinyl chloride	ND		1.0	0.22	ug/L			05/15/14 01:22	1
Xylenes, Total	ND		2.0	0.14	ug/L			05/15/14 01:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		66 - 120					05/15/14 01:22	1
Dibromofluoromethane (Surr)	84		75 - 121					05/15/14 01:22	1
1,2-Dichloroethane-d4 (Surr)	79		63 - 129					05/15/14 01:22	1
Toluene-d8 (Surr)	86		74 - 120					05/15/14 01:22	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW025/050614

Lab Sample ID: 240-36937-11

Matrix: Water

Date Collected: 05/06/14 11:00

Date Received: 05/07/14 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			05/15/14 01:45	1
Acetonitrile	ND		20	3.5	ug/L			05/15/14 01:45	1
Acrolein	ND		20	2.2	ug/L			05/15/14 01:45	1
Acrylonitrile	ND		20	2.0	ug/L			05/15/14 01:45	1
Benzene	ND		1.0	0.13	ug/L			05/15/14 01:45	1
Bromodichloromethane	ND		1.0	0.15	ug/L			05/15/14 01:45	1
Bromoform	ND		1.0	0.64	ug/L			05/15/14 01:45	1
Bromomethane	ND		1.0	0.41	ug/L			05/15/14 01:45	1
2-Butanone	ND		10	0.57	ug/L			05/15/14 01:45	1
Carbon disulfide	ND		1.0	0.13	ug/L			05/15/14 01:45	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			05/15/14 01:45	1
Chlorobenzene	ND		1.0	0.15	ug/L			05/15/14 01:45	1
Chloroethane	ND		1.0	0.29	ug/L			05/15/14 01:45	1
Chloroform	ND		1.0	0.16	ug/L			05/15/14 01:45	1
Chloromethane	ND		1.0	0.30	ug/L			05/15/14 01:45	1
Chloroprene	ND		2.0	0.29	ug/L			05/15/14 01:45	1
3-Chloro-1-propene	ND		2.0	0.35	ug/L			05/15/14 01:45	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/15/14 01:45	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			05/15/14 01:45	1
Dibromochloromethane	ND		1.0	0.18	ug/L			05/15/14 01:45	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.67	ug/L			05/15/14 01:45	1
Dibromomethane	ND		1.0	0.28	ug/L			05/15/14 01:45	1
Dichlorodifluoromethane	ND		1.0	0.31	ug/L			05/15/14 01:45	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			05/15/14 01:45	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			05/15/14 01:45	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 01:45	1
1,2-Dichloroethene, Total	ND		2.0	0.17	ug/L			05/15/14 01:45	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			05/15/14 01:45	1
1,4-Dioxane	61		50	19	ug/L			05/15/14 01:45	1
Ethylbenzene	ND		1.0	0.17	ug/L			05/15/14 01:45	1
Ethylene Dibromide	ND		1.0	0.24	ug/L			05/15/14 01:45	1
Ethyl methacrylate	ND		1.0	0.14	ug/L			05/15/14 01:45	1
2-Hexanone	ND		10	0.41	ug/L			05/15/14 01:45	1
Iodomethane	ND		1.0	0.18	ug/L			05/15/14 01:45	1
Isobutanol	ND		50	8.2	ug/L			05/15/14 01:45	1
Methacrylonitrile	ND		2.0	0.51	ug/L			05/15/14 01:45	1
Methylene Chloride	ND		1.0	0.33	ug/L			05/15/14 01:45	1
Methyl methacrylate	ND		2.0	0.49	ug/L			05/15/14 01:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			05/15/14 01:45	1
Propionitrile	ND		4.0	1.2	ug/L			05/15/14 01:45	1
Styrene	ND		1.0	0.11	ug/L			05/15/14 01:45	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.23	ug/L			05/15/14 01:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			05/15/14 01:45	1
Tetrachloroethene	ND		1.0	0.29	ug/L			05/15/14 01:45	1
Toluene	ND		1.0	0.13	ug/L			05/15/14 01:45	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.15	ug/L			05/15/14 01:45	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 01:45	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/15/14 01:45	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			05/15/14 01:45	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW025/050614
Date Collected: 05/06/14 11:00
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			05/15/14 01:45	1
Trichloroethene	0.18	J	1.0	0.17	ug/L			05/15/14 01:45	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			05/15/14 01:45	1
1,2,3-Trichloropropane	ND		1.0	0.43	ug/L			05/15/14 01:45	1
Vinyl acetate	ND		2.0	0.19	ug/L			05/15/14 01:45	1
Vinyl chloride	ND		1.0	0.22	ug/L			05/15/14 01:45	1
Xylenes, Total	ND		2.0	0.14	ug/L			05/15/14 01:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		66 - 120					05/15/14 01:45	1
Dibromofluoromethane (Surr)	85		75 - 121					05/15/14 01:45	1
1,2-Dichloroethane-d4 (Surr)	79		63 - 129					05/15/14 01:45	1
Toluene-d8 (Surr)	86		74 - 120					05/15/14 01:45	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: TB01/050614

Date Collected: 05/06/14 00:00

Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			05/15/14 02:08	1
Acetonitrile	ND		20	3.5	ug/L			05/15/14 02:08	1
Acrolein	ND		20	2.2	ug/L			05/15/14 02:08	1
Acrylonitrile	ND		20	2.0	ug/L			05/15/14 02:08	1
Benzene	ND		1.0	0.13	ug/L			05/15/14 02:08	1
Bromodichloromethane	ND		1.0	0.15	ug/L			05/15/14 02:08	1
Bromoform	ND		1.0	0.64	ug/L			05/15/14 02:08	1
Bromomethane	ND		1.0	0.41	ug/L			05/15/14 02:08	1
2-Butanone	ND		10	0.57	ug/L			05/15/14 02:08	1
Carbon disulfide	ND		1.0	0.13	ug/L			05/15/14 02:08	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			05/15/14 02:08	1
Chlorobenzene	ND		1.0	0.15	ug/L			05/15/14 02:08	1
Chloroethane	ND		1.0	0.29	ug/L			05/15/14 02:08	1
Chloroform	ND		1.0	0.16	ug/L			05/15/14 02:08	1
Chloromethane	ND		1.0	0.30	ug/L			05/15/14 02:08	1
Chloroprene	ND		2.0	0.29	ug/L			05/15/14 02:08	1
3-Chloro-1-propene	ND		2.0	0.35	ug/L			05/15/14 02:08	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/15/14 02:08	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			05/15/14 02:08	1
Dibromochloromethane	ND		1.0	0.18	ug/L			05/15/14 02:08	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.67	ug/L			05/15/14 02:08	1
Dibromomethane	ND		1.0	0.28	ug/L			05/15/14 02:08	1
Dichlorodifluoromethane	ND		1.0	0.31	ug/L			05/15/14 02:08	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			05/15/14 02:08	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			05/15/14 02:08	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 02:08	1
1,2-Dichloroethene, Total	ND		2.0	0.17	ug/L			05/15/14 02:08	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			05/15/14 02:08	1
1,4-Dioxane	21 J		50	19	ug/L			05/15/14 02:08	1
Ethylbenzene	ND		1.0	0.17	ug/L			05/15/14 02:08	1
Ethylene Dibromide	ND		1.0	0.24	ug/L			05/15/14 02:08	1
Ethyl methacrylate	ND		1.0	0.14	ug/L			05/15/14 02:08	1
2-Hexanone	ND		10	0.41	ug/L			05/15/14 02:08	1
Iodomethane	ND		1.0	0.18	ug/L			05/15/14 02:08	1
Isobutanol	ND		50	8.2	ug/L			05/15/14 02:08	1
Methacrylonitrile	ND		2.0	0.51	ug/L			05/15/14 02:08	1
Methylene Chloride	ND		1.0	0.33	ug/L			05/15/14 02:08	1
Methyl methacrylate	ND		2.0	0.49	ug/L			05/15/14 02:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			05/15/14 02:08	1
Propionitrile	ND		4.0	1.2	ug/L			05/15/14 02:08	1
Styrene	ND		1.0	0.11	ug/L			05/15/14 02:08	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.23	ug/L			05/15/14 02:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			05/15/14 02:08	1
Tetrachloroethene	ND		1.0	0.29	ug/L			05/15/14 02:08	1
Toluene	ND		1.0	0.13	ug/L			05/15/14 02:08	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.15	ug/L			05/15/14 02:08	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/15/14 02:08	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			05/15/14 02:08	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			05/15/14 02:08	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: TB01/050614
Date Collected: 05/06/14 00:00
Date Received: 05/07/14 09:20

Lab Sample ID: 240-36937-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			05/15/14 02:08	1
Trichloroethene	ND		1.0	0.17	ug/L			05/15/14 02:08	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			05/15/14 02:08	1
1,2,3-Trichloropropane	ND		1.0	0.43	ug/L			05/15/14 02:08	1
Vinyl acetate	ND		2.0	0.19	ug/L			05/15/14 02:08	1
Vinyl chloride	ND		1.0	0.22	ug/L			05/15/14 02:08	1
Xylenes, Total	ND		2.0	0.14	ug/L			05/15/14 02:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		66 - 120					05/15/14 02:08	1
Dibromofluoromethane (Surr)	85		75 - 121					05/15/14 02:08	1
1,2-Dichloroethane-d4 (Surr)	76		63 - 129					05/15/14 02:08	1
Toluene-d8 (Surr)	84		74 - 120					05/15/14 02:08	1

Surrogate Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (66-120)	DBFM (75-121)	12DCE (63-129)	TOL (74-120)
240-36937-1	MW015BR/050614	83	98	99	90
240-36937-2	MW015R/050614	84	94	98	92
240-36937-3	MW044/050614	76	86	78	87
240-36937-4	MW031A/050614	91	98	98	95
240-36937-5	MW031D/050614	85	98	99	92
240-36937-6	MW041/050614	79	99	82	85
240-36937-7	MW001R/050614	79	88	80	88
240-36937-8	MW001AR/050614	84	88	84	86
240-36937-9	MW021A/050614	76	86	78	86
240-36937-10	MW030/050614	76	84	79	86
240-36937-11	MW025/050614	75	85	79	86
240-36937-12	TB01/050614	74	85	76	84
LCS 240-130294/4	Lab Control Sample	95	83	80	86
LCS 240-130687/4	Lab Control Sample	93	83	78	90
LCS 240-130826/4	Lab Control Sample	95	91	91	95
MB 240-130294/5	Method Blank	88	85	79	85
MB 240-130687/5	Method Blank	80	85	79	87
MB 240-130826/6	Method Blank	84	93	103	85

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-130294/5

Matrix: Water

Analysis Batch: 130294

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Dil Fac						
	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed
Acetone	ND		1	10	1.1	ug/L		05/13/14 00:19	
Acetonitrile	ND		1	20	3.5	ug/L		05/13/14 00:19	
Acrolein	ND		1	20	2.2	ug/L		05/13/14 00:19	
Acrylonitrile	ND		1	20	2.0	ug/L		05/13/14 00:19	
Benzene	ND		1	1.0	0.13	ug/L		05/13/14 00:19	
Bromodichloromethane	ND		1	1.0	0.15	ug/L		05/13/14 00:19	
Bromoform	ND		1	1.0	0.64	ug/L		05/13/14 00:19	
Bromomethane	ND		1	1.0	0.41	ug/L		05/13/14 00:19	
2-Butanone	ND		1	10	0.57	ug/L		05/13/14 00:19	
Carbon disulfide	ND		1	1.0	0.13	ug/L		05/13/14 00:19	
Carbon tetrachloride	ND		1	1.0	0.13	ug/L		05/13/14 00:19	
Chlorobenzene	ND		1	1.0	0.15	ug/L		05/13/14 00:19	
Chloroethane	ND		1	1.0	0.29	ug/L		05/13/14 00:19	
Chloroform	ND		1	1.0	0.16	ug/L		05/13/14 00:19	
Chloromethane	ND		1	1.0	0.30	ug/L		05/13/14 00:19	
Chloroprene	ND		1	2.0	0.29	ug/L		05/13/14 00:19	
3-Chloro-1-propene	ND		1	2.0	0.35	ug/L		05/13/14 00:19	
cis-1,2-Dichloroethene	ND		1	1.0	0.17	ug/L		05/13/14 00:19	
cis-1,3-Dichloropropene	ND		1	1.0	0.14	ug/L		05/13/14 00:19	
Dibromochloromethane	ND		1	1.0	0.18	ug/L		05/13/14 00:19	
1,2-Dibromo-3-Chloropropane	ND		1	2.0	0.67	ug/L		05/13/14 00:19	
Dibromomethane	ND		1	1.0	0.28	ug/L		05/13/14 00:19	
Dichlorodifluoromethane	ND		1	1.0	0.31	ug/L		05/13/14 00:19	
1,1-Dichloroethane	ND		1	1.0	0.15	ug/L		05/13/14 00:19	
1,2-Dichloroethane	ND		1	1.0	0.22	ug/L		05/13/14 00:19	
1,1-Dichloroethene	ND		1	1.0	0.19	ug/L		05/13/14 00:19	
1,2-Dichloroethene, Total	ND		1	2.0	0.17	ug/L		05/13/14 00:19	
1,2-Dichloropropane	ND		1	1.0	0.18	ug/L		05/13/14 00:19	
1,4-Dioxane	ND		1	50	19	ug/L		05/13/14 00:19	
Ethylbenzene	ND		1	1.0	0.17	ug/L		05/13/14 00:19	
Ethylene Dibromide	ND		1	1.0	0.24	ug/L		05/13/14 00:19	
Ethyl methacrylate	ND		1	1.0	0.14	ug/L		05/13/14 00:19	
2-Hexanone	ND		1	10	0.41	ug/L		05/13/14 00:19	
Iodomethane	ND		1	1.0	0.18	ug/L		05/13/14 00:19	
Isobutanol	ND		1	50	8.2	ug/L		05/13/14 00:19	
Methacrylonitrile	ND		1	2.0	0.51	ug/L		05/13/14 00:19	
Methylene Chloride	ND		1	1.0	0.33	ug/L		05/13/14 00:19	
Methyl methacrylate	ND		1	2.0	0.49	ug/L		05/13/14 00:19	
4-Methyl-2-pentanone (MIBK)	ND		1	10	0.32	ug/L		05/13/14 00:19	
Propionitrile	ND		1	4.0	1.2	ug/L		05/13/14 00:19	
Styrene	ND		1	1.0	0.11	ug/L		05/13/14 00:19	
1,1,1,2-Tetrachloroethane	ND		1	1.0	0.23	ug/L		05/13/14 00:19	
1,1,2,2-Tetrachloroethane	ND		1	1.0	0.18	ug/L		05/13/14 00:19	
Tetrachloroethene	ND		1	1.0	0.29	ug/L		05/13/14 00:19	
Toluene	ND		1	1.0	0.13	ug/L		05/13/14 00:19	
trans-1,4-Dichloro-2-butene	ND		1	1.0	0.15	ug/L		05/13/14 00:19	
trans-1,2-Dichloroethene	ND		1	1.0	0.19	ug/L		05/13/14 00:19	
trans-1,3-Dichloropropene	ND		1	1.0	0.19	ug/L		05/13/14 00:19	

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-130294/5

Matrix: Water

Analysis Batch: 130294

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,1,1-Trichloroethane	ND				1.0	0.22	ug/L			05/13/14 00:19	1
1,1,2-Trichloroethane	ND				1.0	0.27	ug/L			05/13/14 00:19	1
Trichloroethene	ND				1.0	0.17	ug/L			05/13/14 00:19	1
Trichlorofluoromethane	ND				1.0	0.21	ug/L			05/13/14 00:19	1
1,2,3-Trichloropropane	ND				1.0	0.43	ug/L			05/13/14 00:19	1
Vinyl acetate	ND				2.0	0.19	ug/L			05/13/14 00:19	1
Vinyl chloride	ND				1.0	0.22	ug/L			05/13/14 00:19	1
Xylenes, Total	ND				2.0	0.14	ug/L			05/13/14 00:19	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
4-Bromofluorobenzene (Surr)	88		66 - 120							05/13/14 00:19	1
Dibromofluoromethane (Surr)	85		75 - 121							05/13/14 00:19	1
1,2-Dichloroethane-d4 (Surr)	79		63 - 129							05/13/14 00:19	1
Toluene-d8 (Surr)	85		74 - 120							05/13/14 00:19	1

Lab Sample ID: LCS 240-130294/4

Matrix: Water

Analysis Batch: 130294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCs	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Acetone	20.0	18.8		ug/L		94	43 - 136
Acrolein	50.0	50.2		ug/L		100	51 - 170
Acrylonitrile	100	94.5		ug/L		95	66 - 132
Benzene	10.0	9.79		ug/L		98	80 - 120
Bromodichloromethane	10.0	9.82		ug/L		98	72 - 121
Bromoform	10.0	8.93		ug/L		89	40 - 131
Bromomethane	10.0	9.22		ug/L		92	11 - 185
2-Butanone	20.0	17.7		ug/L		88	60 - 126
Carbon disulfide	10.0	9.21		ug/L		92	62 - 142
Carbon tetrachloride	10.0	10.2		ug/L		102	66 - 128
Chlorobenzene	10.0	9.42		ug/L		94	80 - 120
Chloroethane	10.0	9.20		ug/L		92	25 - 153
Chloroform	10.0	9.69		ug/L		97	79 - 120
Chloromethane	10.0	8.63		ug/L		86	44 - 126
3-Chloro-1-propene	10.0	9.31		ug/L		93	40 - 160
cis-1,2-Dichloroethene	10.0	9.61		ug/L		96	80 - 120
cis-1,3-Dichloropropene	10.0	9.42		ug/L		94	61 - 120
Dibromochloromethane	10.0	9.84		ug/L		98	64 - 120
1,2-Dibromo-3-Chloropropane	10.0	9.65		ug/L		97	42 - 136
Dibromomethane	10.0	9.60		ug/L		96	80 - 120
Dichlorodifluoromethane	10.0	6.18		ug/L		62	19 - 129
1,1-Dichloroethane	10.0	10.0		ug/L		100	80 - 120
1,2-Dichloroethane	10.0	9.54		ug/L		95	71 - 127
1,1-Dichloroethene	10.0	9.10		ug/L		91	78 - 131
1,2-Dichloroethene, Total	20.0	19.6		ug/L		98	80 - 120
1,2-Dichloropropane	10.0	9.87		ug/L		99	80 - 120
1,4-Dioxane	200	101		ug/L		51	50 - 150
Ethylbenzene	10.0	9.20		ug/L		92	80 - 120

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-130294/4

Matrix: Water

Analysis Batch: 130294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS			Unit	D	%Rec	%Rec.
		Result	Qualifier	Limits				
Ethylene Dibromide	10.0	9.59		ug/L		96	79 - 120	
Ethyl methacrylate	10.0	9.22		ug/L		92	40 - 160	
2-Hexanone	20.0	18.9		ug/L		95	55 - 133	
Iodomethane	10.0	9.85		ug/L		98	72 - 141	
Isobutanol	250	238		ug/L		95	40 - 160	
Methylene Chloride	10.0	9.42		ug/L		94	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	18.7		ug/L		93	63 - 128	
m-Xylene & p-Xylene	10.0	9.50		ug/L		95	80 - 120	
o-Xylene	10.0	9.67		ug/L		97	80 - 120	
Styrene	10.0	9.17		ug/L		92	79 - 120	
1,1,1,2-Tetrachloroethane	10.0	9.63		ug/L		96	72 - 120	
1,1,2,2-Tetrachloroethane	10.0	8.89		ug/L		89	68 - 120	
Tetrachloroethene	10.0	9.53		ug/L		95	79 - 120	
Toluene	10.0	9.69		ug/L		97	80 - 120	
trans-1,4-Dichloro-2-butene	10.0	8.13		ug/L		81	10 - 199	
trans-1,2-Dichloroethene	10.0	9.97		ug/L		100	80 - 120	
trans-1,3-Dichloropropene	10.0	10.4		ug/L		104	58 - 120	
1,1,1-Trichloroethane	10.0	9.98		ug/L		100	74 - 120	
1,1,2-Trichloroethane	10.0	9.08		ug/L		91	80 - 120	
Trichloroethene	10.0	9.75		ug/L		97	76 - 120	
Trichlorofluoromethane	10.0	8.49		ug/L		85	49 - 157	
1,2,3-Trichloropropane	10.0	9.75		ug/L		97	73 - 129	
Vinyl acetate	8.00	9.34		ug/L		117	46 - 161	
Vinyl chloride	10.0	8.62		ug/L		86	53 - 127	
Xylenes, Total	20.0	19.2		ug/L		96	80 - 120	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		66 - 120
Dibromofluoromethane (Surr)	83		75 - 121
1,2-Dichloroethane-d4 (Surr)	80		63 - 129
Toluene-d8 (Surr)	86		74 - 120

Lab Sample ID: MB 240-130687/5

Matrix: Water

Analysis Batch: 130687

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		10	1.1	ug/L			05/14/14 23:25	1
Acetonitrile	ND		20	3.5	ug/L			05/14/14 23:25	1
Acrolein	ND		20	2.2	ug/L			05/14/14 23:25	1
Acrylonitrile	ND		20	2.0	ug/L			05/14/14 23:25	1
Benzene	ND		1.0	0.13	ug/L			05/14/14 23:25	1
Bromodichloromethane	ND		1.0	0.15	ug/L			05/14/14 23:25	1
Bromoform	ND		1.0	0.64	ug/L			05/14/14 23:25	1
Bromomethane	ND		1.0	0.41	ug/L			05/14/14 23:25	1
2-Butanone	ND		10	0.57	ug/L			05/14/14 23:25	1
Carbon disulfide	ND		1.0	0.13	ug/L			05/14/14 23:25	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			05/14/14 23:25	1

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-130687/5

Matrix: Water

Analysis Batch: 130687

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	MB	MB									
Chlorobenzene	ND	ND			1.0	0.15	ug/L			05/14/14 23:25	1
Chloroethane	ND	ND			1.0	0.29	ug/L			05/14/14 23:25	1
Chloroform	ND	ND			1.0	0.16	ug/L			05/14/14 23:25	1
Chloromethane	ND	ND			1.0	0.30	ug/L			05/14/14 23:25	1
Chloroprene	ND	ND			2.0	0.29	ug/L			05/14/14 23:25	1
3-Chloro-1-propene	ND	ND			2.0	0.35	ug/L			05/14/14 23:25	1
cis-1,2-Dichloroethene	ND	ND			1.0	0.17	ug/L			05/14/14 23:25	1
cis-1,3-Dichloropropene	ND	ND			1.0	0.14	ug/L			05/14/14 23:25	1
Dibromochloromethane	ND	ND			1.0	0.18	ug/L			05/14/14 23:25	1
1,2-Dibromo-3-Chloropropane	ND	ND			2.0	0.67	ug/L			05/14/14 23:25	1
Dibromomethane	ND	ND			1.0	0.28	ug/L			05/14/14 23:25	1
Dichlorodifluoromethane	ND	ND			1.0	0.31	ug/L			05/14/14 23:25	1
1,1-Dichloroethane	ND	ND			1.0	0.15	ug/L			05/14/14 23:25	1
1,2-Dichloroethane	ND	ND			1.0	0.22	ug/L			05/14/14 23:25	1
1,1-Dichloroethene	ND	ND			1.0	0.19	ug/L			05/14/14 23:25	1
1,2-Dichloroethene, Total	ND	ND			2.0	0.17	ug/L			05/14/14 23:25	1
1,2-Dichloropropene	ND	ND			1.0	0.18	ug/L			05/14/14 23:25	1
1,4-Dioxane	ND	ND			50	19	ug/L			05/14/14 23:25	1
Ethylbenzene	ND	ND			1.0	0.17	ug/L			05/14/14 23:25	1
Ethylene Dibromide	ND	ND			1.0	0.24	ug/L			05/14/14 23:25	1
Ethyl methacrylate	ND	ND			1.0	0.14	ug/L			05/14/14 23:25	1
2-Hexanone	ND	ND			10	0.41	ug/L			05/14/14 23:25	1
Iodomethane	ND	ND			1.0	0.18	ug/L			05/14/14 23:25	1
Isobutanol	ND	ND			50	8.2	ug/L			05/14/14 23:25	1
Methacrylonitrile	ND	ND			2.0	0.51	ug/L			05/14/14 23:25	1
Methylene Chloride	0.464	J			1.0	0.33	ug/L			05/14/14 23:25	1
Methyl methacrylate	ND	ND			2.0	0.49	ug/L			05/14/14 23:25	1
4-Methyl-2-pentanone (MIBK)	ND	ND			10	0.32	ug/L			05/14/14 23:25	1
Propionitrile	ND	ND			4.0	1.2	ug/L			05/14/14 23:25	1
Styrene	ND	ND			1.0	0.11	ug/L			05/14/14 23:25	1
1,1,1,2-Tetrachloroethane	ND	ND			1.0	0.23	ug/L			05/14/14 23:25	1
1,1,2,2-Tetrachloroethane	ND	ND			1.0	0.18	ug/L			05/14/14 23:25	1
Tetrachloroethene	ND	ND			1.0	0.29	ug/L			05/14/14 23:25	1
Toluene	ND	ND			1.0	0.13	ug/L			05/14/14 23:25	1
trans-1,4-Dichloro-2-butene	ND	ND			1.0	0.15	ug/L			05/14/14 23:25	1
trans-1,2-Dichloroethene	ND	ND			1.0	0.19	ug/L			05/14/14 23:25	1
trans-1,3-Dichloropropene	ND	ND			1.0	0.19	ug/L			05/14/14 23:25	1
1,1,1-Trichloroethane	ND	ND			1.0	0.22	ug/L			05/14/14 23:25	1
1,1,2-Trichloroethane	ND	ND			1.0	0.27	ug/L			05/14/14 23:25	1
Trichloroethene	ND	ND			1.0	0.17	ug/L			05/14/14 23:25	1
Trichlorofluoromethane	ND	ND			1.0	0.21	ug/L			05/14/14 23:25	1
1,2,3-Trichloropropane	ND	ND			1.0	0.43	ug/L			05/14/14 23:25	1
Vinyl acetate	ND	ND			2.0	0.19	ug/L			05/14/14 23:25	1
Vinyl chloride	ND	ND			1.0	0.22	ug/L			05/14/14 23:25	1
Xylenes, Total	ND	ND			2.0	0.14	ug/L			05/14/14 23:25	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			80		66 - 120		05/14/14 23:25	1

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-130687/5

Matrix: Water

Analysis Batch: 130687

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)			85		75 - 121		05/14/14 23:25	1
1,2-Dichloroethane-d4 (Surr)			79		63 - 129		05/14/14 23:25	1
Toluene-d8 (Surr)			87		74 - 120		05/14/14 23:25	1

Lab Sample ID: LCS 240-130687/4

Matrix: Water

Analysis Batch: 130687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier					
Acetone	20.0	16.4		ug/L		82	43 - 136	
Acrolein	50.0	43.3		ug/L		87	51 - 170	
Acrylonitrile	100	92.8		ug/L		93	66 - 132	
Benzene	10.0	9.20		ug/L		92	80 - 120	
Bromodichloromethane	10.0	9.13		ug/L		91	72 - 121	
Bromoform	10.0	8.60		ug/L		86	40 - 131	
Bromomethane	10.0	8.18		ug/L		82	11 - 185	
2-Butanone	20.0	18.0		ug/L		90	60 - 126	
Carbon disulfide	10.0	8.20		ug/L		82	62 - 142	
Carbon tetrachloride	10.0	10.6		ug/L		106	66 - 128	
Chlorobenzene	10.0	8.95		ug/L		90	80 - 120	
Chloroethane	10.0	8.73		ug/L		87	25 - 153	
Chloroform	10.0	9.26		ug/L		93	79 - 120	
Chloromethane	10.0	9.11		ug/L		91	44 - 126	
3-Chloro-1-propene	10.0	9.24		ug/L		92	40 - 160	
cis-1,2-Dichloroethene	10.0	9.20		ug/L		92	80 - 120	
cis-1,3-Dichloropropene	10.0	8.88		ug/L		89	61 - 120	
Dibromochloromethane	10.0	9.44		ug/L		94	64 - 120	
1,2-Dibromo-3-Chloropropane	10.0	9.11		ug/L		91	42 - 136	
Dibromomethane	10.0	9.30		ug/L		93	80 - 120	
Dichlorodifluoromethane	10.0	7.33		ug/L		73	19 - 129	
1,1-Dichloroethane	10.0	9.52		ug/L		95	80 - 120	
1,2-Dichloroethane	10.0	8.98		ug/L		90	71 - 127	
1,1-Dichloroethene	10.0	8.88		ug/L		89	78 - 131	
1,2-Dichloroethene, Total	20.0	18.6		ug/L		93	80 - 120	
1,2-Dichloropropene	10.0	9.52		ug/L		95	80 - 120	
1,4-Dioxane	200	99.6		ug/L		50	50 - 150	
Ethylbenzene	10.0	8.99		ug/L		90	80 - 120	
Ethylene Dibromide	10.0	9.20		ug/L		92	79 - 120	
Ethyl methacrylate	10.0	9.26		ug/L		93	40 - 160	
2-Hexanone	20.0	17.6		ug/L		88	55 - 133	
Iodomethane	10.0	8.84		ug/L		88	72 - 141	
Isobutanol	250	224		ug/L		90	40 - 160	
Methylene Chloride	10.0	9.86		ug/L		99	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	17.7		ug/L		89	63 - 128	
m-Xylene & p-Xylene	10.0	8.66		ug/L		87	80 - 120	
o-Xylene	10.0	9.18		ug/L		92	80 - 120	
Styrene	10.0	8.55		ug/L		86	79 - 120	
1,1,1,2-Tetrachloroethane	10.0	9.43		ug/L		94	72 - 120	

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-130687/4

Matrix: Water

Analysis Batch: 130687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
1,1,2,2-Tetrachloroethane	10.0	8.66		ug/L		87	68 - 120
Tetrachloroethene	10.0	9.57		ug/L		96	79 - 120
Toluene	10.0	9.50		ug/L		95	80 - 120
trans-1,4-Dichloro-2-butene	10.0	8.21		ug/L		82	10 - 199
trans-1,2-Dichloroethene	10.0	9.39		ug/L		94	80 - 120
trans-1,3-Dichloropropene	10.0	10.1		ug/L		101	58 - 120
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	74 - 120
1,1,2-Trichloroethane	10.0	9.52		ug/L		95	80 - 120
Trichloroethene	10.0	9.15		ug/L		92	76 - 120
Trichlorofluoromethane	10.0	11.2		ug/L		112	49 - 157
1,2,3-Trichloropropane	10.0	8.77		ug/L		88	73 - 129
Vinyl acetate	8.00	9.44		ug/L		118	46 - 161
Vinyl chloride	10.0	8.57		ug/L		86	53 - 127
Xylenes, Total	20.0	17.8		ug/L		89	80 - 120

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		66 - 120
Dibromofluoromethane (Surr)	83		75 - 121
1,2-Dichloroethane-d4 (Surr)	78		63 - 129
Toluene-d8 (Surr)	90		74 - 120

Lab Sample ID: MB 240-130826/6

Matrix: Water

Analysis Batch: 130826

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	1.14	J	10	1.1	ug/L			05/15/14 13:00	1
Acetonitrile	ND		20	3.5	ug/L			05/15/14 13:00	1
Acrolein	ND		20	2.2	ug/L			05/15/14 13:00	1
Acrylonitrile	ND		20	2.0	ug/L			05/15/14 13:00	1
Benzene	ND		1.0	0.13	ug/L			05/15/14 13:00	1
Bromodichloromethane	ND		1.0	0.15	ug/L			05/15/14 13:00	1
Bromoform	ND		1.0	0.64	ug/L			05/15/14 13:00	1
Bromomethane	ND		1.0	0.41	ug/L			05/15/14 13:00	1
2-Butanone	ND		10	0.57	ug/L			05/15/14 13:00	1
Carbon disulfide	ND		1.0	0.13	ug/L			05/15/14 13:00	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			05/15/14 13:00	1
Chlorobenzene	ND		1.0	0.15	ug/L			05/15/14 13:00	1
Chloroethane	ND		1.0	0.29	ug/L			05/15/14 13:00	1
Chloroform	ND		1.0	0.16	ug/L			05/15/14 13:00	1
Chloromethane	ND		1.0	0.30	ug/L			05/15/14 13:00	1
Chloroprene	ND		2.0	0.29	ug/L			05/15/14 13:00	1
3-Chloro-1-propene	ND		2.0	0.35	ug/L			05/15/14 13:00	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			05/15/14 13:00	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			05/15/14 13:00	1
Dibromochloromethane	ND		1.0	0.18	ug/L			05/15/14 13:00	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.67	ug/L			05/15/14 13:00	1
Dibromomethane	ND		1.0	0.28	ug/L			05/15/14 13:00	1

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-130826/6

Matrix: Water

Analysis Batch: 130826

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Dichlorodifluoromethane	ND				1.0	0.31	ug/L			05/15/14 13:00	1
1,1-Dichloroethane	ND				1.0	0.15	ug/L			05/15/14 13:00	1
1,2-Dichloroethane	ND				1.0	0.22	ug/L			05/15/14 13:00	1
1,1-Dichloroethene	ND				1.0	0.19	ug/L			05/15/14 13:00	1
1,2-Dichloroethene, Total	ND				2.0	0.17	ug/L			05/15/14 13:00	1
1,2-Dichloropropane	ND				1.0	0.18	ug/L			05/15/14 13:00	1
1,4-Dioxane	ND				50	19	ug/L			05/15/14 13:00	1
Ethylbenzene	ND				1.0	0.17	ug/L			05/15/14 13:00	1
Ethylene Dibromide	ND				1.0	0.24	ug/L			05/15/14 13:00	1
Ethyl methacrylate	ND				1.0	0.14	ug/L			05/15/14 13:00	1
2-Hexanone	ND				10	0.41	ug/L			05/15/14 13:00	1
Iodomethane	ND				1.0	0.18	ug/L			05/15/14 13:00	1
Isobutanol	ND				50	8.2	ug/L			05/15/14 13:00	1
Methacrylonitrile	ND				2.0	0.51	ug/L			05/15/14 13:00	1
Methylene Chloride	0.940	J			1.0	0.33	ug/L			05/15/14 13:00	1
Methyl methacrylate	ND				2.0	0.49	ug/L			05/15/14 13:00	1
4-Methyl-2-pentanone (MIBK)	ND				10	0.32	ug/L			05/15/14 13:00	1
Propionitrile	ND				4.0	1.2	ug/L			05/15/14 13:00	1
Styrene	ND				1.0	0.11	ug/L			05/15/14 13:00	1
1,1,1,2-Tetrachloroethane	ND				1.0	0.23	ug/L			05/15/14 13:00	1
1,1,2,2-Tetrachloroethane	ND				1.0	0.18	ug/L			05/15/14 13:00	1
Tetrachloroethene	ND				1.0	0.29	ug/L			05/15/14 13:00	1
Toluene	ND				1.0	0.13	ug/L			05/15/14 13:00	1
trans-1,4-Dichloro-2-butene	ND				1.0	0.15	ug/L			05/15/14 13:00	1
trans-1,2-Dichloroethene	ND				1.0	0.19	ug/L			05/15/14 13:00	1
trans-1,3-Dichloropropene	ND				1.0	0.19	ug/L			05/15/14 13:00	1
1,1,1-Trichloroethane	ND				1.0	0.22	ug/L			05/15/14 13:00	1
1,1,2-Trichloroethane	ND				1.0	0.27	ug/L			05/15/14 13:00	1
Trichloroethene	ND				1.0	0.17	ug/L			05/15/14 13:00	1
Trichlorofluoromethane	ND				1.0	0.21	ug/L			05/15/14 13:00	1
1,2,3-Trichloropropane	ND				1.0	0.43	ug/L			05/15/14 13:00	1
Vinyl acetate	ND				2.0	0.19	ug/L			05/15/14 13:00	1
Vinyl chloride	ND				1.0	0.22	ug/L			05/15/14 13:00	1
Xylenes, Total	ND				2.0	0.14	ug/L			05/15/14 13:00	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Sur)	84		66 - 120		05/15/14 13:00	1
Dibromofluoromethane (Sur)	93		75 - 121		05/15/14 13:00	1
1,2-Dichloroethane-d4 (Sur)	103		63 - 129		05/15/14 13:00	1
Toluene-d8 (Sur)	85		74 - 120		05/15/14 13:00	1

Lab Sample ID: LCS 240-130826/4

Matrix: Water

Analysis Batch: 130826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Acetone	20.0	24.5		ug/L		123	43 - 136
Acrolein	50.0	31.8		ug/L		64	51 - 170

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-130826/4

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 130826

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Acrylonitrile	100	114		ug/L		114	66 - 132
Benzene	10.0	9.60		ug/L		96	80 - 120
Bromodichloromethane	10.0	10.3		ug/L		103	72 - 121
Bromoform	10.0	10.9		ug/L		109	40 - 131
Bromomethane	10.0	5.82		ug/L		58	11 - 185
2-Butanone	20.0	24.9		ug/L		124	60 - 126
Carbon disulfide	10.0	8.51		ug/L		85	62 - 142
Carbon tetrachloride	10.0	10.4		ug/L		104	66 - 128
Chlorobenzene	10.0	10.0		ug/L		100	80 - 120
Chloroethane	10.0	4.53		ug/L		45	25 - 153
Chloroform	10.0	9.93		ug/L		99	79 - 120
Chloromethane	10.0	8.60		ug/L		86	44 - 126
3-Chloro-1-propene	10.0	9.17		ug/L		92	40 - 160
cis-1,2-Dichloroethene	10.0	9.57		ug/L		96	80 - 120
cis-1,3-Dichloropropene	10.0	11.0		ug/L		110	61 - 120
Dibromochloromethane	10.0	10.6		ug/L		106	64 - 120
1,2-Dibromo-3-Chloropropane	10.0	10.7		ug/L		107	42 - 136
Dibromomethane	10.0	10.3		ug/L		103	80 - 120
Dichlorodifluoromethane	10.0	7.28		ug/L		73	19 - 129
1,1-Dichloroethane	10.0	10.1		ug/L		101	80 - 120
1,2-Dichloroethane	10.0	10.2		ug/L		102	71 - 127
1,1-Dichloroethene	10.0	9.07		ug/L		91	78 - 131
1,2-Dichloroethene, Total	20.0	19.2		ug/L		96	80 - 120
1,2-Dichloropropane	10.0	10.6		ug/L		106	80 - 120
1,4-Dioxane	200	209		ug/L		105	50 - 150
Ethylbenzene	10.0	10.4		ug/L		104	80 - 120
Ethylene Dibromide	10.0	11.0		ug/L		110	79 - 120
Ethyl methacrylate	10.0	10.8		ug/L		108	40 - 160
2-Hexanone	20.0	24.1		ug/L		120	55 - 133
Iodomethane	10.0	8.65		ug/L		86	72 - 141
Isobutanol	250	272		ug/L		109	40 - 160
Methylene Chloride	10.0	9.93		ug/L		99	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	24.6		ug/L		123	63 - 128
m-Xylene & p-Xylene	10.0	10.4		ug/L		104	80 - 120
o-Xylene	10.0	10.5		ug/L		105	80 - 120
Styrene	10.0	10.2		ug/L		102	79 - 120
1,1,1,2-Tetrachloroethane	10.0	10.5		ug/L		105	72 - 120
1,1,2,2-Tetrachloroethane	10.0	11.1		ug/L		111	68 - 120
Tetrachloroethene	10.0	10.6		ug/L		106	79 - 120
Toluene	10.0	10.4		ug/L		104	80 - 120
trans-1,4-Dichloro-2-butene	10.0	9.73		ug/L		97	10 - 199
trans-1,2-Dichloroethene	10.0	9.60		ug/L		96	80 - 120
trans-1,3-Dichloropropene	10.0	11.1		ug/L		111	58 - 120
1,1,1-Trichloroethane	10.0	9.71		ug/L		97	74 - 120
1,1,2-Trichloroethane	10.0	10.7		ug/L		107	80 - 120
Trichloroethene	10.0	10.1		ug/L		101	76 - 120
Trichlorofluoromethane	10.0	7.76		ug/L		78	49 - 157
1,2,3-Trichloropropane	10.0	10.9		ug/L		109	73 - 129

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-130826/4

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 130826

Analyte	Spike Added	LCS		Unit	D	%Rec.	%Rec.
		Result	Qualifier				
Vinyl acetate	8.00	13.9	*	ug/L	174	46 - 161	
Vinyl chloride	10.0	8.83		ug/L	88	53 - 127	
Xylenes, Total	20.0	20.9		ug/L	105	80 - 120	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		66 - 120
Dibromofluoromethane (Surr)	91		75 - 121
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
Toluene-d8 (Surr)	95		74 - 120

QC Association Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

GC/MS VOA

Analysis Batch: 130294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36937-8	MW001AR/050614	Total/NA	Water	8260B	
LCS 240-130294/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130294/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 130687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36937-3	MW044/050614	Total/NA	Water	8260B	
240-36937-6	MW041/050614	Total/NA	Water	8260B	
240-36937-7	MW001R/050614	Total/NA	Water	8260B	
240-36937-9	MW021A/050614	Total/NA	Water	8260B	
240-36937-10	MW030/050614	Total/NA	Water	8260B	
240-36937-11	MW025/050614	Total/NA	Water	8260B	
240-36937-12	TB01/050614	Total/NA	Water	8260B	
LCS 240-130687/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130687/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 130826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36937-1	MW015BR/050614	Total/NA	Water	8260B	
240-36937-2	MW015R/050614	Total/NA	Water	8260B	
240-36937-4	MW031A/050614	Total/NA	Water	8260B	
240-36937-5	MW031D/050614	Total/NA	Water	8260B	
LCS 240-130826/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130826/6	Method Blank	Total/NA	Water	8260B	

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Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
 Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW015BR/050614

Lab Sample ID: 240-36937-1

Matrix: Water

Date Collected: 05/06/14 10:25
 Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	130826	05/15/14 18:59	LRW	TAL CAN

Client Sample ID: MW015R/050614

Lab Sample ID: 240-36937-2

Matrix: Water

Date Collected: 05/06/14 11:15
 Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		25	130826	05/15/14 19:21	LRW	TAL CAN

Client Sample ID: MW044/050614

Lab Sample ID: 240-36937-3

Matrix: Water

Date Collected: 05/06/14 12:35
 Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130687	05/14/14 23:48	LEE	TAL CAN

Client Sample ID: MW031A/050614

Lab Sample ID: 240-36937-4

Matrix: Water

Date Collected: 05/06/14 13:55
 Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	130826	05/15/14 19:43	LRW	TAL CAN

Client Sample ID: MW031D/050614

Lab Sample ID: 240-36937-5

Matrix: Water

Date Collected: 05/06/14 13:50
 Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		6.67	130826	05/15/14 20:05	LRW	TAL CAN

Client Sample ID: MW041/050614

Lab Sample ID: 240-36937-6

Matrix: Water

Date Collected: 05/06/14 00:00
 Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130687	05/15/14 00:12	LEE	TAL CAN

TestAmerica Canton

Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Client Sample ID: MW001R/050614

Lab Sample ID: 240-36937-7

Matrix: Water

Date Collected: 05/06/14 13:40
Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130687	05/15/14 00:35	LEE	TAL CAN

Client Sample ID: MW001AR/050614

Lab Sample ID: 240-36937-8

Matrix: Water

Date Collected: 05/06/14 14:50
Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130294	05/13/14 00:42	LEE	TAL CAN

Client Sample ID: MW021A/050614

Lab Sample ID: 240-36937-9

Matrix: Water

Date Collected: 05/06/14 10:15
Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130687	05/15/14 00:58	LEE	TAL CAN

Client Sample ID: MW030/050614

Lab Sample ID: 240-36937-10

Matrix: Water

Date Collected: 05/06/14 12:25
Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130687	05/15/14 01:22	LEE	TAL CAN

Client Sample ID: MW025/050614

Lab Sample ID: 240-36937-11

Matrix: Water

Date Collected: 05/06/14 11:00
Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130687	05/15/14 01:45	LEE	TAL CAN

Client Sample ID: TB01/050614

Lab Sample ID: 240-36937-12

Matrix: Water

Date Collected: 05/06/14 00:00
Date Received: 05/07/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130687	05/15/14 02:08	LEE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TestAmerica Canton

Certification Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Canton

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS**



240-36937-Chain-of-Custody

4.8

Chain of Custody Record

TestAmerica Laboratory location:

Regulatory program: DW NPDES RCRA Other

Client Contact		Site Contact:		Lab Contact:		TestAmerica Laboratories, Inc.	
Company Name:	Project Manager:	Telephone:	Site Name:	Telephone:	Lab Name:	COC No:	
TC Environmental Corp.	G. Fletcher	513.235.4682	Star Nolts	513.235.4682	P. Omer	062059	
Address:	Telephone:	Email:				<input checked="" type="checkbox"/> 1 of 2 COCs	
1131 Lowell Park Dr.	93473-2255						
City/State/Zip:							
Phone:	513.473-2255						
Project Name:	EMD Millipore						
Project Number:	21308303						
PO #							
Sample Identification		Sample Date	Sample Time	Time After	Containment & Preservatives	Sample Specific Notes / Special Instructions:	
MW015B2/050614	5/6/14	1025	X	3	N 6 X		
MW015R/050614		1115	1	1			
MW044/050614		1235		1			
MW031A/050614		1355		1			
MW031D/050614		1350		1			
MW041/050614		1340		1			
MW001R/050614		1450		1			
MW021A/050614		1515	V	1			
MW030/050614	5/6/14	1225	X	3	N 6 X		
Possible Hazard Identification		Unknown	Poison B	Skin Irritant	Flammable	Non-Hazard	Date/Time: 5/6/14 1610 Received by: <i>John</i> Company: <i>TC Environmental</i>
Special Instructions/QC Requirements & Comments:		Comments: <i>At Level IV</i>					
Relinquished By:	<i>John</i>	Relinquished Date:	5/6/14	Received By:	<i>John</i>	Company:	Company: <i>TestAmerica</i>
Relinquished By:	<i>John</i>	Relinquished Date:	5/6/14	Received By:	<i>John</i>	Company:	Company: <i>TC</i>
Relinquished By:	<i>John</i>	Relinquished Date:	5/7/14	Received By:	<i>John</i>	Company:	Company: <i>TestAmerica</i>
		Archive For:	1 month	Disposal By:	<input checked="" type="checkbox"/>	Disposal Date:	Date/Time: 5/6/14 1610 Received by: <i>John</i> Company: <i>TestAmerica</i>

Chain of Custody Record

Nothamerica

TestAmerica Laboratory location:

Regulatory program:

Client Contact		Site Contact:		Lab Contacts:																															
Company Name:	JUL Environmentals Corp. Hager	S. Noelle	P. Ober	COC No:	062099																														
Address:	91231 Connel Park Dr.	Telephone:	573-481-2255	Telephone:	2 of 2 COCs																														
City/State/Zip:	Cincinnati, OH 45222	Analyses																																	
Phone:	513-481-2255	Analysis Turnaround Time (days/2 days)																																	
Method of Shipment/Carrier:		TAT if different from below <u>5/10</u>																																	
Project Name:	<u>END Millipore</u>	<input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks																																	
Project Number:	<u>E1308303</u>	<input type="checkbox"/> 1 week <input type="checkbox"/> 2 days																																	
PO #		<input type="checkbox"/> 1 day																																	
Sample Specific Notes / Special Instructions:																																			
<p><i>8/22/13 LSC</i></p> <p><input checked="" type="checkbox"/> Filtered Sample (Y/N) <input type="checkbox"/> Composite Sampling / Grabbing</p>																																			
<table border="1"> <thead> <tr> <th colspan="2">Containers & Preservatives</th> <th colspan="4"></th> </tr> <tr> <th>Mark</th> <th>Material</th> <th>HNO3</th> <th>HCl</th> <th>NaOH</th> <th>NH4OAc</th> </tr> </thead> <tbody> <tr> <td>Agar</td> <td>Solid</td> <td>X</td> <td>3</td> <td>X</td> <td>X</td> </tr> <tr> <td>Aqueous</td> <td>Solvent</td> <td>X</td> <td>2</td> <td>X</td> <td>X</td> </tr> <tr> <td>Other</td> <td>Others</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Containers & Preservatives						Mark	Material	HNO3	HCl	NaOH	NH4OAc	Agar	Solid	X	3	X	X	Aqueous	Solvent	X	2	X	X	Other	Others				
Containers & Preservatives																																			
Mark	Material	HNO3	HCl	NaOH	NH4OAc																														
Agar	Solid	X	3	X	X																														
Aqueous	Solvent	X	2	X	X																														
Other	Others																																		
Sample Identification		Sample Date	Sample Time																																
MW025/0506/4		5/6/14	1:00																																
TB01 10506/4		5/6/14	-																																
<p><i>5/6/14</i></p> <p><i>5/6/14</i></p>																																			
<p>Possible Hazard Identification</p> <p><input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant</p>																																			
<p>Special Instructions/QC Requirements & Comments:</p> <p><i>No P.A.A. lone 1/16</i></p>																																			
Relinquished by:		Date/Time:	16/10	Received By:	<i>W.H.B.</i>																														
<i>John H. Ober</i>		Company:	Julie B.	Company:	TestAmerica																														
Refined by:		Date/Time:	26/14 030	Received in Laboratory by:	<i>Julie B.</i>																														
<i>John H. Ober</i>		Company:		Company:	TAC																														
Relinquished by:		Date/Time:		Company:																															
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p>																																			
<p><i>5/6/14 10:00</i></p>																																			

TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 310937

Client <u>TRC Environmental Corp</u>	Site Name _____	Cooler unpacked by: <i>Robert Maggio</i>
Cooler Received on <u>5-7-14</u>	Opened on <u>5-7-14</u>	
FedEx: 1 st Grd Exp	UPS FAS Stetson	Client Drop Off TestAmerica Courier Other _____
TestAmerica Cooler # <u>No. A</u>	Foam Box Client Cooler Box Other _____	
Packing material used: <u>Bubble Wrap</u> Foam Plastic Bag None Other _____		
COOLANT: <u>Wet Ice</u> Blue Ice Dry Ice Water None		
1. Cooler temperature upon receipt		
IR GUN# A (CF +0 °C) Observed Cooler Temp. <u>48</u> °C	Corrected Cooler Temp. <u>48</u> °C	<input type="checkbox"/> See Multiple
IR GUN# 4 (CF -1 °C) Observed Cooler Temp. <u> </u> °C	Corrected Cooler Temp. <u> </u> °C	Cooler Form
IR GUN# 5 (CF +1 °C) Observed Cooler Temp. <u> </u> °C	Corrected Cooler Temp. <u> </u> °C	
IR GUN# 8 (CF +1 °C) Observed Cooler Temp. <u> </u> °C	Corrected Cooler Temp. <u> </u> °C	
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u>		
-Were custody seals on the outside of the cooler(s) signed & dated?	<input checked="" type="radio"/> Yes <input type="radio"/> No NA	
-Were custody seals on the bottle(s)?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
3. Shippers' packing slip attached to the cooler(s)?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
4. Did custody papers accompany the sample(s)?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
5. Were the custody papers relinquished & signed in the appropriate place?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
6. Did all bottles arrive in good condition (Unbroken)?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
7. Could all bottle labels be reconciled with the COC?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
8. Were correct bottle(s) used for the test(s) indicated?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
9. Sufficient quantity received to perform indicated analyses?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
10. Were sample(s) at the correct pH upon receipt?	Yes <input type="radio"/> No <input checked="" type="radio"/> NA pH Strip Lot# <u>HC391902</u>	
11. Were VOAs on the COC?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
12. Were air bubbles >6 mm in any VOA vials?	Yes <input type="radio"/> No <input checked="" type="radio"/> NA	
13. Was a trip blank present in the cooler(s)?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____	Concerning _____	

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: *[Signature]*

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
 Sample(s) _____ were received in a broken container.
 Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
 Time preserved: _____ Preservative(s) added/Lot number(s): _____